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"Information for Authors"—A complete guide to manuscript submission and journal style is available on request and also appears in January and July.

Author Responsibility—Authors are responsible for all statements, conclusions and methods of presenting subjects. These may or may not be in harmony with the views of the editorial staff. The aim is to permit as wide a latitude as the general policy of the journal and the demands on space may permit. The right to reduce, revise or reject any manuscript is always reserved. Articles are accepted on condition that they are contributed solely to this journal.

Manuscripts—Ordinarily manuscripts should not exceed 3,000 words (less than 15 typed double-spaced pages). The *original* manuscript and two copies should be submitted, typed double-spaced throughout. If photographic illustrations are desired, three sets of clear, unmounted black and white glossy prints should be supplied. For line drawings, original artwork or glossy prints are acceptable. Tables should be typed on separate sheets of paper.

Clinical Investigation—Papers that authors wish considered for the Clinical Investigation section should be so designated in the transmittal letter.

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Books Received

Books received by THE WESTERN JOURNAL OF MEDICINE are acknowledged in this column. Selections will be made for more extensive review in the interest of readers as space permits.

CLINICAL PHARMACOLOGY IN OBSTETRICS—Edited by Peter Lewis, MD, PhD, FRCP, Director, Merrell Dow Research Centre, Strasbourg, France. John Wright • PSG Inc., 545 Great Road, Littleton, MA 01460, 1983. 378 pages, \$39.50.

CRITICAL CARE OF THE OBSTETRIC PATIENT—Edited by Richard L. Berkowitz, MD, Professor, Department of Obstetrics and Gynecology, The Mount Sinai School of Medicine, and Director, Division of Maternal-Fetal Medicine, The Mount Sinai Hospital, New York. Churchill Livingstone Inc., 1560 Broadway, New York, NY 10036, 1983. 543 pages, \$55.00.

CURRENT SURGICAL DIAGNOSIS & TREATMENT—8th Edition—Edited by Lawrence W. Way, MD, Professor of Surgery, University of California, San Francisco, School of Medicine, and Chief of Surgical Service, Veterans Administration Medical Center, San Francisco. Lange Medical Publications, Drawer L, Los Altos, CA 94022, 1983. 1,187 pages, \$28.00 (softbound).

FORENSIC MEDICINE: A Guide to Principles—Second Edition—I. Gordon, MB, ChB, FRSSAF, Hon MD(Natal), Hon LLD(S.A.), Emeritus Professor of Forensic Medicine, University of Natal, and Formerly Chief Government Pathologist, Durban, and Dean, Faculty of Medicine, University of Natal, 1955-1971; H.A. Shapiro, PhD, MB, ChB, FRSSAF, Hon LLD(Natal), Professor of Forensic Medicine, University of South Africa, Visiting Professor of Forensic Medicine, University of Natal, Former Government Pathologist, Cape Town. Churchill Livingstone Inc., 1560 Broadway, New York, NY 10036, 1983. 451 pages, \$50.00.

THE HAND—EXAMINATION AND DIAGNOSIS—Second Edition—Amer-Cape Town. Churchill Livingstone Inc., 1560 Broadway, New York, NY 10036, 1983. 112 pages, \$9.95 (paperback).

HANDBOOK OF DERMATOLOGIC TREATMENT—R. Kenneth Landow, MD, Assistant Clinical Professor of Medicine (Dermatology), University of Southern California School of Medicine, Los Angeles. Jones Medical

Publications, 355 Los Cerros Dr., Greenbrae, CA 94904, 1983. 219 pages, \$13.95.

HIRSUTISM AND VIRILISM—PATHOGENESIS AND MANAGEMENT—Edited by Virendra B. Mahesh, Regents' Professor and Chairman, and Robert B. Greenblatt, MD, Professor Emeritus, Department of Endocrinology, Medical College of Georgia, Augusta. John Wright • PSG Inc., 545 Great Road, Littleton, MA 01460, 1983. 394 pages, \$49.50.

IMMUNE CYTOPENIAS—Volume 9 in Methods in Hematology—Edited by Robert McMillan, MD, Director, Weingart Center for Bone Marrow Transplantation, and Member, Department of Basic and Clinical Research, Scripps Clinic and Research Foundation, La Jolla, California. Churchill Livingstone Inc., 1560 Broadway, New York, NY 10036, 1983. 223 pages, \$45.00.

IMMUNOASSAYS FOR CLINICAL CHEMISTRY—2nd Edition—Edited by W. M. Hunter, PhD, and J. E. T. Corrie, PhD, MRC Immunoassay Team, Edinburgh. Churchill Livingstone Inc., 1560 Broadway, New York, NY 10036, 1983. 701 pages, \$75.00.

MIGRAINE AND ITS VARIANTS—George Selby, MD, FRCP(London), FRCP (Edinburgh), FRACP, Visiting Neurologist, Royal North Shore Hospital, Sydney, Australia. John Wright • PSG Inc., 545 Great Rd., Littleton, MA 01460, 1983. 149 pages, \$20.00.

THE MIGRAINE PREVENTION COOKBOOK—Josie A. Wentworth. Doubleday & Company, Inc., 245 Park Ave., New York, NY 10017, 1983. 194 pages, \$13.95.

MUSCULOSKELETAL TUMOR SURGERY—Volumes 1 and 2—William F. Enneking, MD, Distinguished Service Professor and Eugene L. Jewett, Professor of Orthopaedic Surgery, Department of Orthopaedics, College of Medicine, University of Florida, Gainesville. Churchill Livingstone Inc., 1560 Broadway, New York, NY 10036, 1983. 1,562 pages, \$250.00.

THE WESTERN JOURNAL OF MEDICINE

INFORMATION FOR AUTHORS

Submitting Manuscripts

Manuscripts for consideration should be sent to the editor, Malcolm S. M. Watts, MD, 44 Gough Street, San Francisco, California 94103. The transmittal letter should designate one person as correspondent and include complete address, with ZIP code and telephone number.

In view of *The Copyright Revision Act of 1976*, transmittal letters should contain the following language: "In consideration for reviewing and editing my submission, the author(s) undersigned hereby transfers, assigns or otherwise conveys all copyright ownership to THE WESTERN JOURNAL OF MEDICINE in the event that such work is published by the journal." This statement should be signed by *all* the authors.

Authors are urged to seek clarity and succinctness in all manuscripts regardless of subject matter or format and to give close attention to syntax, grammar and spelling.

Clinical Investigation Section

Articles that authors wish to have considered for the Clinical Investigation section should be so designated in the transmittal letter. The type of articles appropriate for this section are those that describe experimental work in humans that extensively and prospectively examines scientific hypotheses relating to disease. An article describing a single case report will not normally be considered appropriate for this section.

Preparing Manuscripts

The original manuscript and *two* copies should be submitted on heavy bond paper (8½ by 11 inches, *not* erasable), typed *double-spaced throughout* (including legends, tables and references) on one side of the paper, with 1½-inch margins. Ordinarily, articles should not exceed 3,000 words (less than 15 text pages, typed double-spaced). Under exceptional circumstances only will articles longer than 4,000 words be published. Pages should be numbered consecutively, beginning with the title page.

Style

Abbreviations. Use of abbreviations should be minimized. If they are necessary, abbreviations should be spelled out at first mention, with the abbreviation itself immediately following in parentheses.

Weights and measures. All measurements should be given in metric units. English equivalents should be given parenthetically if the measurements were originally done in English units.

Temperatures. Temperature readings should be given first in Celsius, followed by the Fahrenheit equivalent in parentheses.

Drug names. If the trade name of a drug is used, the generic name should be given first, followed by the trade name in parentheses. Trade names are capitalized, generic names are not.

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Titles are best when brief and concise. The title page should include the full name of the author(s), with degrees, academic or professional titles, complete addresses and any institutional or other affiliations. The complete name and address of the person who will handle reprint requests also should appear on this page.

Abstract

The abstract (approximately 150 words) should be a short summary, saying in brief what is said at length in the body of the article—rather than such and such "is discussed," "is presented" or "was investigated."

Tables and Figures

Tables

Each table should be typed on a separate sheet of paper, be numbered consecutively in Arabic numerals, have a brief descriptive title and have its position indicated in the text.

Illustrations (Figures)

Three sets of clear, unmounted black and white glossy prints of figures should be submitted (preferably 5 by 7 inches, but no larger than 8½ by 11 inches). For line drawings, original artwork or glossy prints are acceptable. Illustrations should be numbered consecutively in Arabic numerals and their position indicated in the text. Figure number, first author's name and top of the photo should be shown on the reverse side of each illustration. Recognizable photographs of patients are to be masked and written permission for publication obtained from the patients.

Legends

All legends for figures should be typed together on a separate sheet of paper. Magnification and stain for photomicrographs should be indicated in parentheses.

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If an illustration or table has been used previously in another publication, written permission for its use must be obtained from the publisher, and should accompany the manuscript. The source should be acknowledged in the legend if it can be done

briefly by citation of a reference number. Otherwise, acknowledgment is made at the end of the figure legend or at the bottom of the table.

References

References should be limited to those cited in the text. They must be typed double-spaced and numbered consecutively as they appear in the manuscript. (See examples below for style.) Abbreviations of journal titles should conform to those used in *Index Medicus*.

Journal Articles

Note handling of multiple authorship. If more than three authors are listed as contributors, use "et al" to designate those names after the first three. Also note capitalization, punctuation, mention of inclusive page numbers, and month and year of publication. Separate the subtitle from the title by either a dash or a colon. Use colon *only* if it appears in the original citation.

1. Jones JS, Andersen HW, Johnson DW, et al: The athletic heart revisited—Sudden death of a 28-year-old athlete. *JAMA* 1978 Apr 26; 292:444-456

2. Graybill JR, Alford RH, Smith RG, et al: Cell-mediated immunity in cryptococcosis: A brief review. *Cell Immunol* 1978 Sep; 7:76-79

Books

Note handling of "edition," "editor(s)," and "volume," as well as appropriate sequence of reference information and capitalization of chapters and titles.

3. Berne EJ, Smith TL: Role playing in therapy, chap 2, *Principles of Group Therapy*. New York, Oxford University Press, 1966, pp 35-51 (*author of chapter same as author of book*)

4. Munson JM: The role of drugs, chap 2, *In Brest AN, Mayer JH (Eds): Hypertension—Vol 2, Therapy*, 2nd Ed. Springfield, Ill, Charles C Thomas, 1961, pp 456-479 (*author of chapter different from authors of book*)

Pamphlets, Monographs or Books With No Given Author

5. AMA Department of Drugs: AMA Drug Evaluation, 3rd Ed. Littleton, Mass, Publishing Sciences Group, 1977 (*corporate author*)

6. Compilation of Standard Definitions, 3rd Ed. Philadelphia, American Society for Testing and Materials, 1976 (*no given author; give name and place of publisher*)

Articles in Press or Accepted for Publication

Any article accepted for publication should include the name of the journal (appropriately abbreviated) in which it will appear, and the phrase "in press" or "accepted for publication" in place of the date of publication.

Personal Communications and Unpublished Data

This information should *not* be included in the reference list but should be given in parentheses in the body of the text. Date of communication, whether it was personal or written, and the person's name, highest academic degree and professional affiliation should be provided.

Acknowledgments

It is the policy of the *WJM* not to print acknowledgments, the feeling being that if a person has contributed enough to a paper to be mentioned, he or she should be included among the authors, or the contribution should be mentioned in the body of the paper or in a footnote.

Correspondence

Brief manuscripts commenting on articles that have appeared in the journal, containing information of interest to physicians or discussing issues of the day will be considered for publication. Very short reports of cases, clinical experience, clinical studies, adverse effects and the like also will be considered. Items for the Correspondence section should not exceed 600 words and should have no more than five bibliographic references and one figure or table.

Author Responsibility

Authors are responsible for all statements made in articles. Manuscripts are considered for publication with the explicit understanding that they are original, have not been published previously and are not simultaneously under consideration by any other publication.

All accepted manuscripts are subject to copy editing, and authors are sent edited galley proofs for approval. No changes will be made after the final, edited version has been approved by the author.

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ALLERGY AND IMMUNOLOGY

June 13-15—**Contemporary Aspects of Clinical Immunology.** American Society of Clinical Pathologists at San Diego. Wednesday-Friday. 18.5 hrs. Contact: Regional Ed. Activities, 2100 W. Harrison St., Chicago 60612. (312) 738-1336, ext. 129.

October 15-18—**Rheumatology, Allergy, Clinical Immunology: An Advanced Course.** UCSF at Hotel Meridien, San Francisco. Monday-Thursday. \$375.

October 24-28—**American Association for Clinical Immunology and Allergy Meeting** at San Diego. Wednesday-Sunday. Contact: Howard S. Silber, Exec. Dir., PO Box 912-DTS, Omaha, NE 68101. (402) 551-0801.

October 25-28—**Allergy, Immunology and Infectious Disease.** Symposium Maui, Inc. and Hawaii Chapter American Academy of Family Physicians at Maui Marriott, Kaanapali, Maui. Thursday-Sunday. 18 hrs. Contact: Joe Harrison, MD, Symposium Maui, Inc., PO Box 10185, Lahaina, Maui, HI 96761. (808) 661-8032.

ANESTHESIOLOGY

June 14-17—**Annual Scientific Meeting of the California Society of Anesthesiologists** at Disneyland Hotel, Anaheim. Thursday-Sunday. Contact: CSA, 100 S. Ellsworth Ave., Ste. 806, San Mateo 94401. (415) 348-1407.

August 17-21—**Clinical Neuroanesthesia Conference.** UCSD at InterContinental Hotel, San Diego. Friday-Tuesday. 22 hrs.

September 28-30—**Anesthesia Practice 1984.** Anesthesiology Education Foundation at Monterey. Friday-Sunday. 10½ hrs. Contact: AEF, PO Box 24230, Federal Bldg., Los Angeles 90024.

CANCER

May 18-20—**The Primary Care Physician and Cancer.** UCSD at Vacation Village, San Diego. Friday-Sunday.

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KEY TO ABBREVIATIONS

- CMA:** California Medical Association
Contact: Continuing Medical Education, California Medical Association, 44 Gough Street, San Francisco 94103. (415) 863-5522.
- DREW:** Charles R. Drew Postgraduate Medical School
Contact: Flora Harlee-Cordett, MS, MPH, Office of Continuing Education, Charles R. Drew Postgraduate Medical School, 1621 East 120th Street, Los Angeles 90059. (213) 603-3183.
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Contact: Edward Rubenstein, MD, Associate Dean for Postgraduate Education, Stanford University School of Medicine, 300 Pasteur Drive, Stanford 94305. (415) 497-5594.
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- UCI:** University of California, Irvine
Contact: E. R. Jennings, MD, Assistant Dean, University of California, Irvine, California College of Medicine, c/o UCI/CME Program, Memorial Hospital Medical Center, 2801 Atlantic Ave., Long Beach 90801. (213) 595-3837, or (714) 856-5414, UCI Extension.
- UCLA:** University of California, Los Angeles
Contact: Martin D. Shickman, MD, Director, Continuing Education in Medicine and the Health Sciences, PO Box 24902, UCLA, Los Angeles 90024. (213) 825-7241.
- UCSD:** University of California, San Diego
Contact: Office of Continuing Medical Education, University of California, San Diego, School of Medicine (M-017), La Jolla 92093. (619) 452-3940.
- UCSF:** University of California, San Francisco
Contact: David S. Gullion, MD, Director, Extended Programs in Medical Education, School of Medicine, University of California, San Francisco 94143. (415) 666-4251.
- USC:** University of Southern California
Contact: Phil R. Manning, MD, Associate Dean, Postgraduate Division, University of Southern California School of Medicine, 2025 Zonal Avenue, Los Angeles 90033. (213) 224-7051.

(Continued from Page 705)

June 15—Cancer Precursors of the Cervix, Vagina and Vulva: An Overview of Pathogenesis and Management. UCD at Red Lion Inn, Sacramento. Friday.

June 22—One Day Colon Cancer Screening and Flexible Sigmoidoscopy Workshop. Continuing Medical Education Associates at Holiday Inn Union Square, San Francisco. Friday. 7 hrs. \$135. Contact: J. Shiller, CMEA, PO Box 94296, San Diego 92138. (619) 223-2997.

June 24—One Day Colon Cancer Screening and Flexible Sigmoidoscopy Workshop. Continuing Medical Education Associates at Grand Hotel, Anaheim. Sunday. 7 hrs. \$135. Contact: J. Shiller, CMEA, PO Box 84296, San Diego 92138. (619) 223-2997.

October 18-20—8th Annual Cancer Symposium. Scripps Memorial Hospital at Sheraton Harbor Island Hotel, San Diego. Thursday-Saturday. \$300. Contact: Nomi Feldman, Conference Coord., 3770 Tansy, San Diego 92121. (619) 453-6222.

CARDIOLOGY

May 18-20—Decision Making in Congenital Heart Disease. Children's Hospital and Health Center and Donald N. Sharp Memorial Community Hospital at Sheraton Harbor Island Hotel, San Diego. Friday-Sunday. 18 hrs. \$350. Contact: Congenital Heart Disease, PO Box 9494, San Diego 92109. (619) 272-3126.

May 21-22—Advanced Cardiac Life Support. See Emergency Medicine, May 21-22.

June 10-13—Advanced Echocardiography—1984: Interactions with NMR, Digital Angiography and CT Scanning. American College of Cardiology at San Diego. Sunday-Wednesday. Contact: Reg. Sec. Extramural Programs Dept., ACC, 911 Old Georgetown Rd., Bethesda, MD 20814.

June 20—Coronary Artery Disease Symposium. UCLA at Beverly Hilton Hotel, Beverly Hills. Wednesday. 7 hrs.

June 22-24—ECG Interpretation, Arrhythmia Management, and Cardiac Rehabilitation. International Medical Education Corporation at Lake Tahoe. Friday-Sunday. 13 hrs. \$285. Contact: IMEC, 64 Inverness Dr. E., Englewood, CO 80112. (800) 525-8651.

June 22-24—Whitewater Raft Conference: Update on Cardiac Drugs and CPR. Mercy Medical Center at Scott and Klamath Rivers. Friday-Sunday. 10 hrs. \$295. Contact: Mercy Medical Center, Dept. of Cont. Ed., PO Box 6009, Redding 96099-6009. (916) 243-2121.

June 25-27—Cardiac Morphology: Echocardiographic, Nuclear Imaging, Necropsy Correlations. American College of Cardiology and Indiana University School of Medicine at Hyatt Lake Tahoe, Incline Village. Monday-Wednesday. Contact: Reg. Sec., Extramural Programs Dept., ACC, 911 Old Georgetown Rd., Bethesda, MD 20814.

June 25-29—National Board Review Course in Pulmonary Medicine. American College of Chest Physicians at Sheraton Palace Hotel, San Francisco. Monday-Friday. 28 hrs. Contact: Dept. of Ed., ACCP, 911 Busse Hwy, Park Ridge, IL 60068. (312) 698-2200.

July 7-14—Cardiovascular Medicine and Surgery and Critical Care Medicine. STAN at Mauna Kea Beach Hotel, Kamuela. One week.

August 12-17—Current Concepts in Cardiology. UCD at Hyatt Lake Tahoe, Incline Village. Sunday-Friday.

August 17-19—Whitewater Raft Conference: Update on Cardiac Drugs and CPR. Mercy Medical Center at Klamath River. Friday-Sunday. 10 hrs. \$295. Contact: Mercy Medical Center, Dept. of Cont. Ed., PO Box 6009, Redding 96099-6009. (916) 243-2121.

August 24-26—Cardiovascular Disease: Non-Invasive Diagnostic Methods (Stress and Holter) and Cardiac Resuscitation. International Medical Education Corporation at Monterey. Friday-Sunday. \$285. Contact: IMEC, 64 Inverness Dr. E., Englewood, CO 80112. (800) 525-8651.

September 14-16—ECG Interpretation, Arrhythmia, and Cardiac Rehabilitation. International Medical Education Corporation at Las Vegas. Friday-Sunday. 13 hrs. \$285. Contact: IMEC, 64 Inverness Dr. E., Englewood, CO 80112. (800) 525-8651.

September 15-22—Hawaiian Echocardiography Course. Institute for Medical Studies at Hawaiian Islands. One week. 20 hrs. \$295. Contact: IMS, 14761 Franklin Ave., Ste. A, Tustin 92680. (714) 832-2650.

September 20-22—Recent Advances in Pulmo-

nary and Critical Care Medicine. UCSF at Meridien Hotel, San Francisco. Thursday-Saturday.

October 7-10—**Cardiology Course.** UCSF at Yosemite. Sunday-Wednesday.

October 15-19—**Pulmonary Medicine Review 1984.** USC. Monday-Friday. \$450.

October 26-28—**ECG Interpretation, Arrhythmia Management, and Cardiac Rehabilitation.** International Medical Education Corporation at San Francisco. Friday-Sunday. 13 hrs. Contact: IMEC, 64 Inverness Dr. E., Englewood, CO 80112. (800) 525-8651.

EMERGENCY MEDICINE

May 21-22—**Advanced Cardiac Life Support.** Emergency Care Education Center Inc., Emergency Department Physicians Inc., and Greater Los Angeles Affiliate American Heart Association at Queen Mary, Long Beach. Monday-Tuesday. 16 hrs. \$225. Contact: ECEC-ACLS, 4640 Admiralty Way, Ste. 508, Marina del Rey 90291. (213) 822-1312.

May 29-June 2—**Gateway to Knowledge.** Society of Critical Care Medicine at San Francisco. Tuesday-Saturday. Contact: SCCM, 223 E. Imperial Hwy, Ste. 110, Fullerton 92635. (714) 870-5243.

June 11-15—**Postgraduate Institute for Emergency Physicians, Symposium III.** UCSD at Hanalei Hotel, San Diego. Monday-Friday. 33 hrs.

June 25-29—**Topics in Emergency Medicine.** UCSF at Sheraton Wharf, San Francisco. Monday-Friday. \$425.

July 4-5—**Whitewater Raft Conference: Wilderness Emergency Care.** Mercy Medical Center at Salmon River. Wednesday-Thursday. 10 hrs. \$245. Contact: Mercy Medical Center, Dept. of Cont. Ed., PO Box 6009, Redding 96099-6009. (916) 243-2121.

July 6-8—**Trauma and CPR Update—Whitewater Raft Conference.** Mercy Medical Center, Redding at Klamath and Salmon Rivers. Friday-Sunday. 10 hrs. \$295. Contact: Jerry Fikes, RN, Mercy Hospital, PO Box 6009, Redding 96099.

July 10-13—**Emergency Medicine: A Critical Appraisal.** California Chapter American College

Emergency Physicians and Emergency Medical Associates at Ramada Inn at Fisherman's Wharf, San Francisco. Tuesday-Friday. 20 hrs. \$360. Contact: Seminars International, Dept. A, 15910 Ventura Blvd., Ste. 731, Encino 91436.

July 16-20—**Postgraduate Institute for Emergency Physicians.** UCSD. Monday-Friday. 33 hrs.

July 30-31—**Advanced Cardiac Life Support.** Emergency Care Education Center, Emergency Department Physicians, and Greater Los Angeles Affiliate American Heart Association at Queen Mary, Long Beach. Monday-Tuesday. 16 hrs. \$225. Contact: ECEC-ACLS, 4640 Admiralty Way, Ste. 508, Marina Del Rey 90291. (213) 822-1312.

August 3-5—**Whitewater Raft Conference: Trauma Evaluation and Treatment.** Mercy Medical Center at Klamath River. Friday-Sunday. 10 hrs. \$295. Contact: Mercy Medical Center, Dept. of Cont. Ed., PO Box 6009, Redding 96099-6009. (916) 243-2121.

August 22-24—**Ambulatory Surgery and Hysteroscopy.** American College of Obstetrics and Gynecology at Hotel del Coronado, Coronado. Wednesday-Friday. Contact: ACOG Reg., Ste. 300 E, 600 Maryland Ave., SW, Washington, DC 20024.

August 24-26—**Wilderness Emergency Care—Mt. Shasta Summit Expedition.** Mercy Medical Center, Redding at Mt. Shasta. Friday-Sunday. 10 hrs. \$350. Contact: Jerry Fikes, RN, Mercy Hospital, PO Box 6009, Redding 96099.

August 27-31—**Topics in Emergency Medicine.** UCSF at San Francisco. Monday-Friday. \$425.

September 1-3—**Whitewater Raft Conference: Wilderness Emergency Care.** Mercy Medical Center at Klamath River. Saturday-Monday. 10 hrs. \$295. Contact: Mercy Medical Center, Dept. of Cont. Ed., PO Box 6009, Redding 96099-6009. (916) 243-2121.

September 6-7—**Burns: Emergency and Acute Care.** UCD at Capitol Plaza Holiday Inn, Sacramento. Thursday-Friday.

September 17-21—**Postgraduate Institute for E.R. Physicians, Symposium I.** UCSD at InterContinental Hotel, San Diego. Monday-Friday. 36 hrs.

September 28-29—**Advanced Trauma Life Sup-**

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port Provider Course. Emergency Shock Trauma Institute, Mercy Hospital at San Diego. Friday-Saturday. 16 hrs. \$475. Contact: Emergency Shock Trauma Institute, Mercy Hospital, 4077 5th Ave., San Diego 92103. (619) 294-8111.

October 29-30—Advanced Cardiac Life Support. Emergency Care Education Center Inc., Emergency Department Physicians Inc., and Greater Los Angeles Affiliate American Heart Association at Queen Mary, Long Beach. Monday-Tuesday. 16 hrs. \$225. Contact: ECEC-ACLS, 4640 Admiralty Way, Ste. 508, Marina del Rey 90291. (213) 822-1312.

October 31-November 2—EMS Today. UCSD at Holiday Inn at the Embarcadero, San Diego. Wednesday-Friday. 19 hrs.

INTERNAL MEDICINE

May 20-26—Effective Diagnosis and Treatment of Infectious Diseases: An EPIC Medical Expedition. American Institute of Primary Care Medicine, University of Arizona College of Medicine at Napa Valley. One week. 24 hrs. Contact: Richard F. Paris, MD, PO Box 209, Sun Valley, ID 83353. (208) 788-4995.

June 13-15—Gastroenterology: Recent Developments in Theory and Practice. UCSF at Stanford Court Hotel, San Francisco. Wednesday-Friday. \$375.

June 18-22—Advances in Internal Medicine. UCSF. Monday-Friday. \$465.

June 22-24—Update on Cardiovascular Drugs—Whitewater Raft Conference. Mercy Medical Center, Redding at Klamath and Salmon Rivers. Friday-Sunday. 10 hrs. \$295. Contact: Jerry Fikes, RN, Mercy Hospital, PO Box 6009, Redding 96099.

July 7-14—32nd Annual Intensive Review of Internal Medicine. USC. One week. \$475.

July 20-22—Infectious Disease. Mercy Medical Center, Redding at Klamath and Salmon Rivers. Friday-Sunday. \$295. Contact: Jerry Fikes, RN, Mercy Hospital, PO Box 6009, Redding 96099.

July 29-August 1—Biomedical Ethics—Wilder-

(Continued on Page 717)

RU-TUSS® II

sustained release capsules

Before prescribing, see complete prescribing information. The following is a brief summary.

DESCRIPTION: Each sustained release capsule contains 12 mg of chlorpheniramine maleate, USP and 75 mg of phenylpropanolamine hydrochloride, USP in a base to provide prolonged activity.

INDICATIONS: For the treatment of the symptoms of seasonal and perennial allergic rhinitis and vasomotor rhinitis, including nasal obstruction (congestion).

CONTRAINDICATIONS: Hypersensitivity to any of the components, concurrent MAO inhibitor therapy, severe hypertension, bronchial asthma, coronary artery disease, stenosing peptic ulcer, pyloroduodenal or bladder neck obstruction. Do not use in children under 12 years. Do not use this drug in patients with narrow-angle glaucoma, obstructive or paralytic ileus, intestinal atony of the elderly or debilitated patient, unstable cardiovascular status in acute hemorrhage, severe ulcerative colitis, toxic megacolon complicating ulcerative colitis, myasthenia gravis. Do not use in nursing mothers.

Use in treating lower respiratory tract symptoms, including asthma, is contraindicated.

WARNINGS: Caution patients about activities requiring alertness (e.g., operating vehicles or machinery). Antihistamines are more likely to cause dizziness, sedation, and hypotension in elderly patients. Patients should also be warned about the possible additive effects of alcohol and other CNS depressants.

Usage in pregnancy: Safe use in pregnancy has not been established. Use only when the potential benefits have been weighed against the possible hazards to the mother and child. Note that an inhibitory effect on lactation may occur.

PRECAUTIONS: Use with caution in patients with a history of bronchial asthma, increased intraocular pressure, hyperthyroidism, cardiovascular disease, hypertension, hiatal hernia with reflux esophagitis, intestinal atony of the elderly or debilitated intestinal obstruction, myasthenia gravis, renal impairment, and ulcerative colitis (severe). Drug interactions: MAO inhibitors, alcohol or CNS depressants, especially anesthetics, barbiturates, and narcotics.

ADVERSE REACTIONS: Prolongs the response to nervous stimulation, potentiates the response to norepinephrine, and inhibits the response to tyramine.

Slight to moderate drowsiness occurs relatively infrequently with chlorpheniramine maleate. Other possible side effects common in antihistamines in general include perspiration, chills, dryness of mouth, nose and throat.

Cardiovascular System: Hypotension, hypertension, headache, palpitations, tachycardia, extrasystoles.

Hematologic System: Hemolytic anemia, thrombocytopenia, agranulocytosis, leukopenia.

Nervous System: Sedation, dizziness, disturbed coordination, fatigue, confusion, restlessness, excitation, nervousness, tremor, irritability, insomnia, euphoria, paresthesias, blurred vision, diplopia, vertigo, tinnitus, acute labyrinthitis hysteria, neuritis, convulsions.

Gastrointestinal System: Epigastric distress, anorexia, nausea, vomiting, diarrhea, constipation.

Genitourinary System: Urinary frequency, difficult urination, urinary retention, early menses.

Respiratory System: Thickening of bronchial secretions, tightness of chest and wheezing, nasal stuffiness.

DOSAGE AND ADMINISTRATION: Dosage should be individualized according to the needs and response of the patient. Adults: one capsule every 8 to 12 hours not to exceed 3 capsules daily. Not for use in children under 12 years of age.

OVERDOSAGE: Treatment of the signs and symptoms of overdosage is symptomatic and supportive. In the event of overdosage, emergency treatment should be started immediately.

Treatment: The patient should be induced to vomit, even if emesis has occurred spontaneously. Vomiting by the administration of ipecac syrup is a preferred method. However, vomiting should not be induced in patients with impaired consciousness. Stimulants (analeptic agents) should not be used. Vasopressors may be used to treat hypotension. Short-acting barbiturates, diazepam or paraldehyde may be administered to control seizures. Hyperpyrexia, especially in children, may require treatment with tepid water sponge baths or a hypothermic blanket. Apnea is treated with ventilatory support.

HOW SUPPLIED: Green and clear capsules with green and white beads. Bottles of 100 tablets. NDC 0524-0031-01. Store at controlled room temperature 15-30°C (59°-86°F).

CAUTION: Federal law prohibits dispensing without prescription.

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Pioneers in medicine for the family

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ness Horseback Conference. Mercy Medical Center, Redding at Trinity Alps Wilderness. Sunday-Wednesday. 10 hrs. \$350. Contact: Jerry Fikes, RN, Mercy Hospital, PO Box 6009, Redding 96099.

August 17-19—**2nd Annual La Jolla Summer Conference on Dermatology, Immunology and Rheumatology.** Scripps Clinic and Research Foundation at La Jolla Museum of Contemporary Art, La Jolla. Friday-Sunday. Contact: Dianne Tisue, Scripps Clinic and Research Foundation, 10666 N. Torrey Pines Rd., La Jolla 92037. (619) 457-8556.

August 19-24—**New Advances in Internal Medicine.** UCD at Hyatt Del Monte, Monterey. Sunday-Friday.

September 10-15—**6th Comprehensive Nephrology Review Course.** UCLA at Century Plaza Hotel, Los Angeles. Monday-Saturday. 38.5 hrs. \$695.

September 15—**Neurology.** UCSF at Fresno. Saturday.

September 16-20—**American Academy of Otolaryngology Annual Meeting** at Las Vegas. Sunday-Thursday. Contact: L. Douglas Cox, Dir. Meetings/Expeditions, 1101 Vermont Ave., NW, Ste. 302, Washington, DC 20005. (202) 289-4607.

September 19—**Common Musculoskeletal Problems.** Veterans Administration Medical Center, Sepulveda. Wednesday. Contact: Charles R. Beeson, MD, Assoc. Chief of Staff for Ed., VA Medical Center, 16111 Plummer St., Sepulveda 91343. (818) 891-2374.

October 15-18—**Rheumatology, Allergy, Clinical Immunology: An Advanced Course.** See Allergy and Immunology, October 15-18.

OBSTETRICS AND GYNECOLOGY

May 30-June 2—**Controversies in Obstetrics and Gynecology.** Memorial Hospital Medical Center and UCI at Silverado Country Club and Resort, Napa. Wednesday-Saturday. 20 hrs. Contact: Asst. Dir., Center for Health Ed., 2801 Atlantic Ave., Long Beach 90801-1428.

June 15—**Cancer Precursors of the Cervix, Va-**

gina and Vulva: An Overview of Pathogenesis and Management. See Cancer, June 15.

June 21-23—**Gynecologic Surgery: Principles and Techniques.** See Surgery, June 21-23.

October 7-9—**The Neural and Metabolic Bases of Feeding.** See Pediatrics, October 7-9.

August 9-11—**Basic and Advanced Colposcopy.** American College of Obstetrics and Gynecology at Fairmont Hotel, San Francisco. Thursday-Saturday. 16 hrs. Contact: ACOG Reg., Ste. 300 E, 600 Maryland Ave., SW, Washington, DC 20024.

August 22-24—**Ambulatory Surgery and Hysteroscopy.** See Emergency Medicine, August 22-24.

OPHTHALMOLOGY

June 7-8—**Practical Office Management of Corneal, External Diseases and Uveitis.** UCSF at Hyatt Regency, San Francisco. Thursday-Friday.

June 8-9—**Microsurgery and Laser Techniques for Glaucoma.** Jules Stein Eye Institute, Los Angeles. Friday-Saturday. 14 hrs. \$500. Contact: Lu Hendricks, JSEI, 800 Westwood Plaza, Los Angeles 90024.

June 14-16—**Cosmetic Blepharoplasty Workshop.** Jules Stein Eye Institute, Los Angeles. Thursday-Saturday. 18 hrs. \$750. Contact: Lu Hendricks, JSEI, 800 Westwood Plaza, Los Angeles 90024.

June 29-30—**Pediatric Ophthalmology for the Pediatrician and Primary Care Physician.** See Pediatrics, June 29-30.

PEDIATRICS

May 16—**Los Angeles Pediatric Society Meeting** at Los Angeles. Wednesday. Contact: Eve Black, Exec. Sec., PO Box 2022, Inglewood 90305. (213) 757-1198.

May 17-18—**Child Abuse: Behavioral and Developmental Consequences.** See Psychiatry, May 17-18.

May 26-28—**1984 Annual Spring Meeting Northern California Chapter American Academy of Pediatrics** at Hyatt Del Monte, Monterey. Sat-

urday-Monday. 11 hrs. Contact: AAP, 1125 A St., Ste. 210, San Rafael 94901. (415) 459-4775.

June 8-9—**Fantasy Broken: Infant and Toddler Abuse.** UCI. Friday-Saturday. 11 hrs.

June 13—**Seizure Disorders in Infancy and Childhood.** LLU. Wednesday. 4 hrs. \$50.

June 28-30—**9th Annual Meeting of the Society for Pediatric Dermatology.** STAN at Caesar's Tahoe, Lake Tahoe. Thursday-Saturday.

June 29-30—**Pediatric Ophthalmology for the Pediatrician and Primary Care Physician.** UCSD at Vacation Village, San Diego. Friday-Saturday. 8 hrs. \$100.

October 3-4—**41st Annual Brenneman Memorial Lectures.** Los Angeles Pediatric Society at Los Angeles. Wednesday-Thursday. Contact: Eve Black, Exec. Sec., PO Box 2022, Inglewood 90305. (213) 757-1198.

October 7-9—**The Neural and Metabolic Bases of Feeding.** UCD at Red Lion Motor Inn, Sacramento. Sunday-Tuesday.

PSYCHIATRY

May 17-18—**Child Abuse: Behavioral and Developmental Consequences.** UCD at Holiday Inn Holidome, Sacramento. Thursday-Friday.

May 19—**Conception and Misconceptions of Structural Family Therapy.** Mental Research Institute, Palo Alto. Saturday. 6 hrs. \$75. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

May 19-20—**Freud-Jung Symposium: Clinical Issues.** UCSF at Golden Gateway Holiday Inn, San Francisco. Saturday-Sunday.

June 8—**8th Annual Psychiatry Symposium.** Southern California Kaiser-Permanente Medical Group at Newport Beach Marriott Hotel. Friday. 6 hrs. \$100. Contact: Dept. of Clinical Services, SCKPMG, 4747 Sunset Blvd., Los Angeles 90027.

June 9—**Brief Therapy with Child and Adolescent Problems.** Mental Research Institute, Palo Alto. Saturday. 6 hrs. \$70. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

June 16—**Clinical Decision-Making with Couples and Families.** Mental Research Institute, Palo Alto. Saturday. 6 hrs. \$75. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

June 18-22—**Divorce Mediation.** Mental Research Institute, Palo Alto. Monday-Friday. 20 hrs. \$195. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

July 14—**The Interactional Treatment of Eating Disorders.** Mental Research Institute, Palo Alto. Saturday. 7 hrs. \$95. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

July 20-21—**Human Sexuality for the Health Professional.** Mental Research Institute, Palo Alto. Friday-Saturday. 10 hrs. \$100. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

July 23-27—**Couple and Family Therapy: Conflict and Change.** Mental Research Institute, Palo Alto. Monday-Friday. 15 hrs. \$150. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

July 28—**Treating Depression in a Marital Context.** Mental Research Institute, Palo Alto. Saturday. 5 hrs. \$60. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

July 29-August 2—**Mental Research Institute Summer Seminar** at Palo Alto. Sunday-Thursday. 27 hrs. \$270. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

August 6-8—**Basic Hypnotherapy: Principles and Applications.** Mental Research Institute, Palo Alto. Monday-Wednesday. 6 hrs. \$65. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

August 6-10—**Brief Therapy.** Mental Research Institute, Palo Alto. Monday-Friday. 15 hrs. \$175. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

August 13-16—**Family Crisis: Intervention Strategies.** Mental Research Institute, Palo Alto. Monday-Thursday. 12 hrs. \$150. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

August 18-23—**Responsibility Issues in Mental Health.** Southern California Psychiatric Institute at Mauna Kea Beach Hotel, Kauela, HI. Saturday-Thursday. 15 hrs. Contact: Gail Waldron, MD, Program Dir., SCPI, 6794 La Jolla Blvd., La Jolla 92037. (619) 454-2102.

August 22-24—**Sexually Traumatized Adults, Children and Adolescents.** Mental Research Institute, Palo Alto. Wednesday-Friday. 9 hrs. \$90. Contact: MRI, 555 Middlefield Rd., Palo Alto 94301.

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August 25—Case Studies in Brief Interactional Therapy. Mental Research Institute, Palo Alto. Saturday, 6 hrs. \$70. Contact: MRI, 555 Midfield Rd., Palo Alto 94301.

RADIOLOGY AND PATHOLOGY

May 22-25—Present Concepts in Diagnostic Radiology. Letterman Army Medical Center, San Francisco. Tuesday-Friday, 26 hrs. Contact: R. S. Pakusch, MD, Program Chairman. (415) 561-3764.

June 8-10—9th Annual Spring Diagnostic Ultrasound Conference. Los Angeles Radiological Society at Century Plaza Hotel, Los Angeles. Friday-Sunday, 17 hrs. \$290. Contact: Richard A. Oas, MD, SDUC, c/o LARS, 5200 Century Blvd., Ste. 920, Los Angeles 90045. (213) 484-5120.

June 10-16—4th Annual Post Conference Seminar. American College of Radiology at Silverado Country Club, Napa Valley. One week. 20 hrs. \$350. Contact: Richard A. Oas, MD, SDUC, c/o LARS, 5200 Century Blvd., Ste. 920, Los Angeles 90045. (213) 484-5120.

June 13-15—Contemporary Aspects of Clinical Immunology. American Society of Clinical Pathologists at San Diego. Wednesday-Friday, 18.5 hrs. Contact: Regional Ed. Activities, 2100 W. Harrison St., Chicago 60612. (312) 738-1336, ext. 129.

June 17-22—Pathology of the Lung. UCSD. Sunday-Friday, 50 hrs.

August 20-24—Radiology of the Abdomen. UCSD at San Diego and Anaheim. Monday-Friday, 27 hrs. \$395.

August 27-29—Napa Valley Radiology Conference. Sacramento Radiology Research and Education Foundation and Northern California Radiological Society at Napa Valley. Monday-Wednesday, 18 hrs. \$325. Contact: Michael H. Reid, MD, Program Dir., SRREF, PO Box 19184, Sacramento 95819.

September 6-9—Radiology Physics Review Course. UCD at Sacramento. Thursday-Sunday.

September 17-20—American College of Radiology Meeting at Century Plaza Hotel, Los Angeles.

(Continued on Page 724)

References:

1. Stone PH, Turi ZG, Muller JE: Efficacy of nifedipine therapy for refractory angina pectoris. *Am Heart J* 104:672-681, September 1982.
2. Antman E, Muller J, Goldberg S, et al: Nifedipine therapy for coronary-artery spasm: Experience in 127 patients. *N Engl J Med* 302:1269-1273, June 5, 1980.

BRIEF SUMMARY

PROCARDIA® (nifedipine) CAPSULES

For Oral Use

INDICATIONS AND USAGE: 1. **Vasospastic Angina:** PROCARDIA (nifedipine) is indicated for the management of vasospastic angina confirmed by any of the following criteria: 1) classical pattern of angina at rest accompanied by ST segment elevation, 2) angina or coronary artery spasm provoked by ergonovine, or 3) angiographically demonstrated coronary artery spasm. In those patients who have had angiography, the presence of significant fixed obstructive disease is not incompatible with the diagnosis of vasospastic angina, provided that the above criteria are satisfied. PROCARDIA may also be used where the clinical presentation suggests a possible vasospastic component but where vasospasm has not been confirmed, e.g., where pain has a variable threshold on exertion or in unstable angina where electrocardiographic findings are compatible with intermittent vasospasm, or when angina is refractory to nitrates and/or adequate doses of beta blockers.

2. **Chronic Stable Angina (Classical Effort-Associated Angina):** PROCARDIA is indicated for the management of chronic stable angina (effort-associated angina) without evidence of vasospasm in patients who remain symptomatic despite adequate doses of beta blockers and/or organic nitrates or who cannot tolerate those agents.

In chronic stable angina (effort-associated angina) PROCARDIA has been effective in controlled trials of up to eight weeks duration in reducing angina frequency and increasing exercise tolerance, but confirmation of sustained effectiveness and evaluation of long-term safety in those patients are incomplete.

Controlled studies in small numbers of patients suggest concomitant use of PROCARDIA and beta blocking agents may be beneficial in patients with chronic stable angina, but available information is not sufficient to predict with confidence the effects of concurrent treatment, especially in patients with compromised left ventricular function or cardiac conduction abnormalities. When introducing such concomitant therapy, care must be taken to monitor blood pressure closely since severe hypotension can occur from the combined effects of the drugs. (See Warnings.)

CONTRAINDICATIONS: Known hypersensitivity reaction to PROCARDIA.

WARNINGS: **Excessive Hypotension:** Although in most patients, the hypotensive effect of PROCARDIA is modest and well tolerated, occasional patients have had excessive and poorly tolerated hypotension. These responses have usually occurred during initial titration or at the time of subsequent upward dosage adjustment, and may be more likely in patients on concomitant beta blockers.

Severe hypotension and/or increased fluid volume requirements have been reported in patients receiving PROCARDIA together with a beta blocking agent who underwent coronary artery bypass surgery using high dose fentanyl anesthesia. The interaction with high dose fentanyl appears to be due to the combination of PROCARDIA and a beta blocker, but the possibility that it may occur with PROCARDIA alone, with low doses of fentanyl, in other surgical procedures, or with other narcotic analgesics cannot be ruled out. In PROCARDIA treated patients where surgery using high dose fentanyl anesthesia is contemplated, the physician should be aware of these potential problems and, if the patient's condition permits, sufficient time (at least 36 hours) should be allowed for PROCARDIA to be washed out of the body prior to surgery.

Increased Angina: Occasional patients have developed well documented increased frequency, duration or severity of angina on starting PROCARDIA or at the time of dosage increases. The mechanism of this response is not established but could result from decreased coronary perfusion associated with decreased diastolic pressure with increased heart rate, or from increased demand resulting from increased heart rate alone.

Beta Blocker Withdrawal: Patients recently withdrawn from beta blockers may develop a withdrawal syndrome with increased angina, probably related to increased sensitivity to catecholamines. Initiation of PROCARDIA treatment will not prevent this occurrence and might be expected to exacerbate it by provoking reflex catecholamine release. There have been occasional reports of increased angina in a setting of beta blocker withdrawal and PROCARDIA initiation. It is important to taper beta blockers if possible, rather than stopping them abruptly before beginning PROCARDIA.

Congestive Heart Failure: Rarely, patients, usually receiving a beta blocker, have developed heart failure after beginning PROCARDIA. Patients with tight aortic stenosis may be at greater risk for such an event.

PRECAUTIONS: **General:** **Hypotension:** Because PROCARDIA decreases peripheral vascular resistance, careful monitoring of blood pressure during the initial administration and titration of PROCARDIA is suggested. Close observation is especially recommended for patients already taking medications that are known to lower blood pressure. (See Warnings.)

Peripheral edema: Mild to moderate peripheral edema, typically associated with arterial vasodilation and not due to left ventricular dysfunction, occurs in about one in ten patients treated with PROCARDIA. This edema occurs primarily in the lower extremities and usually responds to diuretic therapy. With patients whose angina is complicated by congestive heart failure, care should be taken to differentiate this peripheral edema from the effects of increasing left ventricular dysfunction.

Drug interactions: Beta-adrenergic blocking agents: (See Indications and Warnings.) Experience in over 1400 patients in a non-comparative clinical trial has shown that concomitant administration of PROCARDIA and beta-blocking agents is usually well tolerated, but there have been occasional literature reports suggesting that the combination may increase the likelihood of congestive heart failure, severe hypotension or exacerbation of angina.

Long-acting nitrates: PROCARDIA may be safely co-administered with nitrates, but there have been no controlled studies to evaluate the antianginal effectiveness of this combination.

Digitalis: Administration of PROCARDIA with digoxin increased digoxin levels in nine of twelve normal volunteers. The average increase was 45%. Another investigator found no increase in digoxin levels in thirteen patients with coronary artery disease. In an uncontrolled study of over two hundred patients with congestive heart failure during which digoxin blood levels were not measured, digitalis toxicity was not observed. Since there have been isolated reports of patients with elevated digoxin levels, it is recommended that digoxin levels be monitored when initiating, adjusting, and discontinuing PROCARDIA to avoid possible over- or under-digitalization.

Carcinogenesis, mutagenesis, impairment of fertility: When given to rats prior to mating, nifedipine caused reduced fertility at a dose approximately 30 times the maximum recommended human dose.

Pregnancy: Category C. Please see full prescribing information with reference to teratogenicity in rats, embryotoxicity in rats, mice and rabbits, and abnormalities in monkeys.

ADVERSE REACTIONS: The most common adverse events include dizziness or light-headedness, peripheral edema, nausea, weakness, headache and flushing each occurring in about 10% of patients, transient hypotension in about 5%, palpitation in about 2% and syncope in about 0.5%. Syncopal episodes did not recur with reduction in the dose of PROCARDIA or concomitant antianginal medication. Additionally, the following have been reported: muscle cramps, nervousness, dyspnea, nasal and chest congestion, diarrhea, constipation, inflammation, joint stiffness, shakiness, sleep disturbances, blurred vision, difficulties in balance, dermatitis, pruritus, urticaria, fever, sweating, chills, and sexual difficulties. Very rarely, introduction of PROCARDIA therapy was associated with an increase in anginal pain, possibly due to associated hypotension.

In addition, more serious adverse events were observed, not readily distinguishable from the natural history of the disease in these patients. It remains possible, however, that some or many of these events were drug related. Myocardial infarction occurred in about 4% of patients and congestive heart failure or pulmonary edema in about 2%. Ventricular arrhythmias or conduction disturbances each occurred in fewer than 0.5% of patients.

Laboratory Tests: Rare, mild to moderate, transient elevations of enzymes such as alkaline phosphatase, CPK, LDH, SGOT, and SGPT have been noted, and a single incident of significantly elevated transaminases and alkaline phosphatase was seen in a patient with a history of gall bladder disease after about eleven months of nifedipine therapy. The relationship to PROCARDIA therapy is uncertain. These laboratory abnormalities have rarely been associated with clinical symptoms. Cholestasis, possibly due to PROCARDIA therapy, has been reported twice in the extensive world literature.

HOW SUPPLIED: Each orange, soft gelatin PROCARDIA CAPSULE contains 10 mg of nifedipine. PROCARDIA CAPSULES are supplied in bottles of 100 (NDC 0069-2600-66), 300 (NDC 0069-2600-72), and unit dose (10x10) (NDC 0069-2600-41). The capsules should be protected from light and moisture and stored at controlled room temperature 59° to 77°F (15° to 25°C) in the manufacturer's original container.

More detailed professional information available on request.

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Pfizer LABORATORIES DIVISION
PFIZER INC.

Motrin® Tablets (ibuprofen)

Contraindications: Anaphylactoid reactions have occurred in individuals hypersensitive to *Motrin* Tablets or with the syndrome of nasal polyps, angioedema and bronchospastic reactivity to aspirin, iodides, or other nonsteroidal anti-inflammatory agents.

Warnings: Peptic ulceration and GI bleeding, sometimes severe, have been reported. Ulceration, perforation and bleeding may end fatally. An association has not been established. Use *Motrin* Tablets under close supervision in patients with a history of upper gastrointestinal tract disease, after consulting ADVERSE REACTIONS. In patients with active peptic ulcer and active rheumatoid arthritis, try nonulcerogenic drugs, such as gold. If *Motrin* Tablets are used, observe the patient closely for signs of ulcer perforation or GI bleeding.

Chronic studies in rats and monkeys have shown mild renal toxicity with papillary edema and necrosis. Renal papillary necrosis has rarely been shown in humans treated with *Motrin* Tablets.

Precautions: Blurred and/or diminished vision, scotomata, and/or changes in color vision have been reported. If these develop, discontinue *Motrin* Tablets and the patient should have an ophthalmologic examination, including central visual fields and color vision testing.

Fluid retention and edema have been associated with *Motrin* Tablets; use with caution in patients with a history of cardiac decompensation or hypertension. In patients with renal impairment, reduced dosage may be necessary. Prospective studies of *Motrin* Tablets safety in patients with chronic renal failure have not been done.

Motrin Tablets can inhibit platelet aggregation and prolong bleeding time. Use with caution in persons with intrinsic coagulation defects and on anticoagulant therapy.

Patients should report signs or symptoms of gastrointestinal ulceration or bleeding, skin rash, weight gain, or edema.

Patients on prolonged corticosteroid therapy should have therapy tapered slowly when *Motrin* Tablets are added.

The antipyretic, anti-inflammatory activity of *Motrin* Tablets may mask inflammation and fever.

As with other nonsteroidal anti-inflammatory drugs, borderline elevations of liver tests may occur in up to 15% of patients. These abnormalities may progress, may remain essentially unchanged, or may be transient with continued therapy. Meaningful elevations of SGPT or SGOT (AST) occurred in controlled clinical trials in less than 1% of patients. Severe hepatic reactions, including jaundice and cases of fatal hepatitis, have been reported with ibuprofen as with other nonsteroidal anti-inflammatory drugs. If liver disease develops or if systemic manifestations occur (e.g. eosinophilia, rash, etc.), *Motrin* should be discontinued.

Drug interactions: Aspirin: used concomitantly may decrease *Motrin* blood levels.

Coumarin: bleeding has been reported in patients taking *Motrin* and coumarin.

Pregnancy and nursing mothers: *Motrin* should not be taken during pregnancy or by nursing mothers.

Adverse Reactions: The most frequent type of adverse reaction occurring with *Motrin* is gastrointestinal of which one or more occurred in 4% to 16% of the patients.

Incidence Greater than 1% (but less than 3%)—Probable Causal Relationship

Gastrointestinal: Nausea,* epigastric pain,* heartburn,* diarrhea, abdominal distress, nausea and vomiting, indigestion, constipation, abdominal cramps or pain, fullness of GI tract (bloating and flatulence); **Central Nervous System:** Dizziness,* headache, nervousness; **Dermatologic:** Rash* (including maculopapular type), pruritus; **Special Senses:** Tinnitus; **Metabolic/Endocrine:** Decreased appetite; **Cardiovascular:** Edema, fluid retention (generally responds promptly to drug discontinuation; see PRECAUTIONS).

Incidence less than 1%—Probable Causal Relationship**

Gastrointestinal: Gastric or duodenal ulcer with bleeding and/or perforation, gastrointestinal hemorrhage, melena, gastritis, hepatitis, jaundice, abnormal liver function tests; **Central Nervous System:** Depression, insomnia, confusion, emotional lability, somnolence, aseptic meningitis with fever and coma; **Dermatologic:** Vesiculobullous eruptions, urticaria, erythema multiforme, Stevens-Johnson syndrome, alopecia; **Special Senses:** Hearing loss, amblyopia (blurred and/or diminished vision, scotomata, and/or changes in color vision) (see PRECAUTIONS); **Hematologic:** Neutropenia, agranulocytosis, aplastic anemia, hemolytic anemia (sometimes Coombs positive), thrombocytopenia with or without purpura, eosinophilia, decreases in hemoglobin and hematocrit; **Cardiovascular:** Congestive heart failure in patients with marginal cardiac function, elevated blood pressure, palpitations; **Allergic:** Syndrome of abdominal pain, fever, chills, nausea and vomiting; anaphylaxis; bronchospasm (see CONTRAINDICATIONS); **Renal:** Acute renal failure in patients with pre-existing significantly impaired renal function, decreased creatinine clearance, polyuria, azotemia, cystitis, hematuria; **Miscellaneous:** Dry eyes and mouth, gingival ulcer, rhinitis.

Incidence less than 1%—Causal Relationship Unknown**

Gastrointestinal: Pancreatitis; **Central Nervous System:** Paresthesias, hallucinations, dream abnormalities, pseudotumor cerebri; **Dermatologic:** Toxic epidermal necrolysis, photoallergic skin reactions; **Special Senses:** Conjunctivitis, diplopia, optic neuritis; **Hematologic:** Bleeding episodes (e.g., epistaxis, menorrhagia); **Metabolic/Endocrine:** Gynecomastia, hypoglycemic reaction; **Cardiovascular:** Arrhythmias (sinus tachycardia, sinus bradycardia); **Allergic:** Serum sickness, lupus erythematosus syndrome, Henoch-Schönlein vasculitis; **Renal:** Renal papillary necrosis.

*Reactions occurring in 3% to 9% of patients treated with *Motrin*. (Those reactions occurring in less than 3% of the patients are unmarked.)

**Reactions are classified under "Probable Causal Relationship (PCR)" if there has been one positive rechallenge or if three or more cases occur which might be causally related. Reactions are classified under "Causal Relationship Unknown" if seven or more events have been reported but the criteria for PCR have not been met.

Overdosage: In cases of acute overdosage, the stomach should be emptied. The drug is acidic and excreted in the urine so alkaline diuresis may be beneficial.

Dosage and Administration: Rheumatoid arthritis and osteoarthritis. Suggested dosage is 300, 400, or 600 mg t.i.d. or q.i.d. Do not exceed 2400 mg per day. Mild to moderate pain: 400 mg every 4 to 6 hours as necessary.

Caution: Federal law prohibits dispensing without prescription.

Motrin is a registered trademark of The Upjohn Manufacturing Company M, Barceloneta, Puerto Rico

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Upjohn

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geles. Monday-Thursday. Contact: ACR, 20 N. Wacker Dr., Chicago 60606. (312) 236-4963.

October 13-21—9th Annual International Body Imaging Conference. West Park Hospital at Royal Lahaina Hotel, Maui. One week. 28 hrs. \$425. Contact: Conference Sec., 9th Annual Body Imaging Conf., Dept. of Radiology, West Park Hospital, 22141 Roscoe Blvd., Canoga Park 91304. (818) 340-0580, ext. 280.

October 22-26—9th Annual San Diego Postgraduate Radiology Course. UCSD at Hotel del Coronado, Coronado. Monday-Friday.

SPORTS MEDICINE

May 23-26—American College of Sports Medicine Meeting at Town and Country Hotel, San Diego. Monday-Thursday. Contact: T. Miller, Exec. Dir., ACSM, 1440 Monroe St., Madison, WI 53706.

June 14-16—Knee Problems in Athletes. American Academy of Orthopaedic Surgeons at Monterey. Thursday-Saturday. Contact: AAOS, 444 N. Michigan Ave., Chicago 60611.

June 24-27—Marine Medicine. UCD at Hyatt Del Monte, Monterey. Sunday-Wednesday.

July 20-22—Sports Medicine and Cardiovascular Fitness—Whitewater Raft Conference. Mercy Medical Center, Redding at Klamath and Salmon Rivers. Friday-Sunday. 10 hrs. \$295. Contact: Jerry Fikes, RN, Mercy Hospital, PO Box 6009, Redding 96099.

July 23-26—10th Annual Meeting of American Orthopaedic Society for Sports Medicine at Marriott Hotel, Anaheim. Monday-Thursday. Contact: AOSSM, PO Box 94274, Chicago 60690.

SURGERY

May 21-25—Basic Microsurgery Training Workshop. UCSD. Monday-Friday. 35 hrs. \$1,200.

June 1-3—Failed Arthroplasty Revision and Salvage. American Academy of Orthopaedic Surgeons at San Francisco. Friday-Saturday. Contact: AAOS, 444 N. Michigan Ave., Chicago 60611.

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June 4-8—**Microsurgery Training Workshop.** Microsurgery Education and Research Foundation at La Jolla Village Inn, La Jolla. Monday-Friday. 35 hrs. \$1,300. Contact: Hazel Sayers, Workshop Coord., PO Box 22514, San Diego 92122.

June 8-9—**Prosthetics/Orthopedics.** UCD at Holiday Inn Holidome, Sacramento. Friday-Saturday.

July 9-13—**Basic Microsurgery Training Workshop.** UCSD. Monday-Friday. 34 hrs. \$1,200.

June 9-14—**Fingers to the Toes: An Orthopedic Approach for the Family Physician.** UCD at Stanford Sierra Lodge, Fallen Leaf Lake. Saturday-Thursday.

June 18-22—**Basic Microsurgery Training Workshop.** UCSD. Monday-Friday. 35 hrs. \$1,200.

June 20-24—**Western Thoracic Surgical Association Annual Meeting** at Hyatt Regency, Maui. Wednesday-Sunday. Contact: WTSa, 13 Elm St., Manchester, MA 01944. (617) 927-8330.

June 21-23—**Gynecologic Surgery: Principles and Techniques.** American College of Obstetrics and Gynecology at Silverado, Napa. Thursday-Saturday. 16 hrs. Contact: ACOG Reg., Ste. 300 E, 600 Maryland Ave., SW, Washington, DC 20024.

June 25-29—**Advanced Microsurgery Training Workshop.** UCSD. Monday-Friday. 35 hrs. \$1,200.

June 28-29—**5th Annual Trauma Seminar.** DREW at Disneyland Hotel, Anaheim. Thursday-Friday. 16 hrs. \$175.

July 7-14—**Cardiovascular Medicine and Surgery and Critical Care Medicine.** See Cardiology, July 7-14.

August 13-17—**Basic Microsurgery Training Workshop.** UCSD. Monday-Friday. 34 hrs. \$1,200.

August 22-24—**Ambulatory Surgery and Hysteroscopy.** See Emergency Medicine, August 22-24.

September 16-20—**American Academy of Otolaryngology Annual Meeting** at Las Vegas. Sunday-Thursday. Contact: L. Douglas Cox, Dir. Meetings/Expeditions, 1101 Vermont Ave., NW, Ste. 302, Washington, DC 20005. (202) 289-4607.

September 17-21—**Basic Microsurgery Training Workshop.** UCSD. Monday-Friday. 34 hrs. \$1,200.

September 20-22—**Microsurgery: An Introduction to Microtechnique for Small Artery and Nerve Repair.** American Academy of Orthopaedic Surgeons at San Diego. Thursday-Saturday. Contact: AAOS, 444 N. Michigan Ave., Chicago 60611.

October 1-5—**Basic Microsurgery Training Workshop.** UCSD. Monday-Friday. 34 hrs. \$1,200.

October 9-14—**American Society of Plastic and Reconstructive Surgeons Inc., American Society of Maxillofacial Surgeons Inc. and Plastic Surgery Educational Foundation Meeting** at Las Vegas. Tuesday-Sunday. Contact: ASPRS-PSEF, Exec. Office, 233 N. Michigan Ave., Ste. 1900, Chicago 60601.

October 10-14—**Basic Microsurgery Training Workshop.** UCSD. Wednesday-Sunday. 34 hrs. \$1,200.

October 11-13—**Controversies in Urology.** American Urological Association at San Diego. Thursday-Saturday. 16 hrs. Contact: Alice Henderson, Office of Ed., AUA, PO Box 25147, Houston, TX 77265. (713) 799-6070.

October 14-18—**Western Orthopedic Association Meeting** at San Diego. Sunday-Thursday. Contact: WOA, 1970 Broadway, Ste. 1235, Oakland 94612. (415) 893-1257.

October 21-26—**American College of Surgeons Meeting** at San Francisco. Sunday-Friday. Contact: ACS, 55 E. Erie St., Chicago 60611. (312) 664-4050.

October 27—**Lumbar Spine and Pelvis.** UCSD at Hotel del Coronado, Coronado. Saturday.

October 28-November 9—**Temporal Bone Surgical Dissection.** House Ear Institute, Los Angeles. 2 weeks. 100 hrs. \$1,500. Contact: Antonio de la Cruz, MD, Dir. of Ed., HEI, 256 S. Lake St., Los Angeles 90057. (213) 483-4431.

OF INTEREST TO ALL PHYSICIANS

May 18-20—**The Primary Care Physician and Cancer.** See Cancer, May 18-20.

May 19-20—**12th Annual Family Practice Sym-**

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posium. Southern California Permanente Medical Group at Sheraton Universal Hotel, North Hollywood. Saturday-Sunday. 11 hrs. Contact: SCPMG, Dept. of Clinical Services, 4747 Sunset Blvd., Los Angeles 90027. (213) 667-4241.

May 20-24—**Family Practice Refresher Course.** UCD at Napa Valley Holiday Inn, Napa. Sunday-Thursday.

May 21-26—**Intensive Review Course in Family Medicine.** DREW at Disneyland Hotel, Anaheim. Monday-Saturday.

May 29-June 2—**11th Annual UCLA Santa Monica Hospital Medical Center Family Practice Refresher Program.** UCLA at Miramar-Sheraton Hotel, Santa Monica. Tuesday-Saturday. 35.5 hrs. \$385.

June 1-12—**Southwestern Regional Cutaneous Flap Workshop.** Dermatology Research Foundation of California at UCLA. Friday-Saturday. 14 hrs. \$495. Contact: Daniel E. Gormley, MD, 412 W. Carroll, Ste. 207, Glendora 91740.

June 2-3—**Eating Disorders: Current Perspectives on Assessment and Treatment.** UCLA. Saturday-Sunday. 13.5 hrs. \$140.

June 5-8—**Society of Nuclear Medicine 31st Annual Meeting** at Los Angeles Convention Center. Tuesday-Friday. 36 hrs. Contact: Meetings Dept., SNM, 475 Park Ave. So., New York, NY 10016. (212) 889-0717.

June 8—**Occupational Medicine.** UCD at Beverly Garland Motor Lodge, Sacramento. Friday.

June 11-15—**Review in Clinical Chemistry.** American Society of Clinical Pathologists at Monterey. Monday-Friday. 35 hrs. Contact: Reg. Ed. Activities, 2100 W. Harrison St., Chicago 60612. (312) 738-1336, ext. 129.

June 14-16—**Postgraduate Institute—Geriatrics.** CMA at Hyatt, Lake Tahoe. Thursday-Saturday.

June 17-23—**UCI Family Practice Refresher Course.** UCI and Memorial Medical Center of Long Beach at Grand Hotel, Anaheim. One week. Contact: MMCLB, 2801 Atlantic Ave., Long Beach 90801. (714) 595-3811.

June 18-20—**Aluminum-Related Disease: Features, Pathogenesis, Recognition and Treatment and Prevention.** UCLA at The Newporter,

Newport Beach. Monday-Wednesday. 20 hrs. \$150.

June 20-24—**Golden State Medical Association Annual Scientific Session** at Hawaiian Regent Hotel, Oahu. Wednesday-Sunday. Contact: Lillian Fortier, GMSA, PO Box 2151 Station A, Berkeley 94702.

June 21-23—**1st Annual Superficial Anatomy and Cutaneous Surgery for Dermatologists: 1984.** UCSD. Thursday-Saturday. 22.5 hrs. \$500.

June 29-30—**Pediatric Ophthalmology for the Pediatrician and Primary Care Physician.** See Pediatrics, June 29-30.

July 7-8—**Weekend with the Masters.** UCSD and Great Teachers Foundation at Double Tree Inn, Monterey. Saturday-Sunday. 20 hrs. \$325. Contact: PO Box 61203, DFW Airport, TX 75261. (214) 659-4590.

July 10-12—**Family Practice Board Review Course.** UCSF. Tuesday-Thursday. 22 hrs. \$300.

August 1-4—**Dermatology.** UCD at Hyatt Lake Tahoe, Incline Village. Wednesday-Saturday.

August 17-19—**Nutrition, Obesity, and Weight Control—White Water Raft Conference.** Mercy Medical Center, Redding at Klamath and Salmon Rivers. Friday-Sunday. 10 hrs. \$295. Contact: Jerry Fikes, RN, Mercy Hospital, PO Box 6009, Redding 96099.

September 1—**Medical Mycology.** UCSF. Saturday.

September 13-14—**Intensive Course in Adolescent Obesity.** UCSF. Thursday-Friday. \$135.

September 17-19—**Relational Issues of Addiction: Violence, Sexuality and Intimacy.** Scripps Memorial Hospital at Vacation Village Hotel, San Diego. Monday-Wednesday. 15 hrs. \$190. Contact: Nomi Feldman, Conf. Coord., 3770 Tansy, San Diego 92121. (619) 453-6222.

September 17-21—**Office Procedures.** UCSF at Golden Gateway Holiday Inn, San Francisco. Monday-Friday.

September 19-21—**State of the Art in the Care of Geriatric Patients: Pre-Intra-Post-Operative Management.** Mount Zion Hospital and Medical Center, San Francisco. Wednesday-Friday. \$325. Contact: Robin B. Jackson, Office of Cont. Ed., PO Box 7921, San Francisco 94120. (415) 567-6600, ext. 2404.

(Continued on Page 818)

(Continued from Page 728)

September 19-23—**Annual Scientific Program and Postgraduate Course of the Pacific Coast Fertility Society** at Marriott's Rancho Las Palmas, Rancho Mirage. Wednesday-Sunday. 21 hrs. Contact: PCFS, 5820 Wilshire Blvd., #500, Los Angeles 90036. (213) 937-5514.

September 20-23—**34th Annual Obesity and Associated Conditions Symposium.** American Society of Bariatric Physicians at MGM Grand Hotel, Reno. Thursday-Sunday. 17 hrs. Contact: Randall B. Lee, Exec. Dir., 4730 E. Caley Ave., Ste. 210, Englewood, CO 80111. (303) 779-4833.

October 1—**Nutrition Symposium.** UCSF at Yosemite. Monday.

October 8-19—**Intensive Residency in Occupational Medicine.** UCSF. 2 weeks. 65.5 hrs. \$1,000.

October 11-14—**A California Conference in Applied Clinical Geriatrics.** UCD at Napa Valley. Thursday-Sunday.

October 12-13—**Skin From A to Z.** UCSF. Friday-Saturday.

October 12-13—**Mycology Review.** STAN. Friday-Saturday. 14 hrs. \$200.

October 29-November 1—**Interstate Postgraduate Medical Association Meeting** at Las Vegas. Monday-Thursday. Contact: H. B. Maroney, Exec. Dir., PO Box 1109, Madison, WI 53701. (608) 257-6781.

ALASKA

June 8-12—**Alaska State Medical Association Annual Meeting.** Valdez Convention Center. Friday-Tuesday. Contact: ASMA, 4107 Laurel St., Anchorage 99504. (907) 277-6891.

June 9-16—**Advances in Pulmonary Medicine: An EPIC Medical Expedition.** American Institute of Primary Care Medicine and University of Arizona College of Medicine at Katmai National Park. 24 hrs. Contact: Richard F. Paris, MD, PO Box 209, Sun Valley, ID 83353. (208) 788-4995.

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IDAHO

June 23-27—Ethics at the Edges of Life. University of Washington School of Medicine at Elkhorn, Sun Valley. Saturday-Wednesday. Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

July 7-13—Updates in Trauma: An EPIC Medical Adventure. Bicycle Tour through the Rocky Mountains, beginning in Sun Valley. One week. Sponsors: American Institute of Primary Care Medicine and University of Arizona College of Medicine. 24 hrs. Contact: Richard F. Paris, MD, PO Box 209, Sun Valley 83353. (208) 788-4995.

July 25-28—Idaho Medical Association Annual Meeting. Sun Valley. Wednesday-Saturday. Contact: IMA, 407 W. Bannock St., PO Box 2668, Boise 83701.

August 5-11; 12-18—Computers in Professional Practice: An EPIC Medical Expedition. Tyrolean Lodge, Sun Valley. One week. Sponsors: American Institute of Primary Care Medicine and University of Arizona College of Medicine. 24 hrs. Contact: Richard F. Paris, MD, PO Box 209, Sun Valley 83353. (208) 788-4995.

August 15-21—Updates in Pediatrics: An EPIC Medical Expedition. Rafting on the Middle Fork of the Salmon River. One week. Sponsors: American Institute of Primary Care Medicine and University of Arizona College of Medicine. 24 hrs. Contact: Richard F. Paris, MD, PO Box 209, Sun Valley 83353. (208) 788-4995.

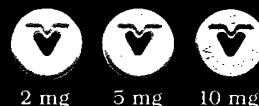
September 9-14—Up-to-Date Cardiac Therapy: An EPIC Medical Expedition. Rafting on the Middle Fork of the Salmon River. Sunday-Friday. Sponsors: American Institute of Primary Care Medicine and University of Arizona College of Medicine. 24 hrs. Contact: Richard F. Paris, MD, PO Box 209, Sun Valley 83353. (208) 788-4995.

October 18-24—Effective Diagnosis and Treatment of Infectious Diseases: An EPIC Medical Expedition. Fishing and Chukar hunting adventure on the Main Salmon River. One week. Sponsors: American Institute of Primary Care Medicine and University of Arizona College of Medicine. 24 hrs. Contact: Richard F. Paris, MD, PO Box 209, Sun Valley 83353. (208) 788-4995.

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Before prescribing, please consult complete product information, a summary of which follows:

The effectiveness of Valium in long-term use, that is, more than 4 months, has not been assessed by systematic clinical studies. The physician should periodically reassess the usefulness of the drug for the individual patient.

Contraindicated: Known hypersensitivity to the drug. Children under 6 months of age. Acute narrow angle glaucoma; may be used in patients with open angle glaucoma who are receiving appropriate therapy.

Warnings: Not of value in psychotic patients. Caution against hazardous occupations requiring complete mental alertness. When used adjunctively in convulsive disorders, possibility of increase in frequency and/or severity of grand mal seizures may require increased dosage of standard anticonvulsant medication; abrupt withdrawal may be associated with temporary increase in frequency and/or severity of seizures. Advise against simultaneous ingestion of alcohol and other CNS depressants. Withdrawal symptoms similar to those with barbiturates and alcohol have been observed with abrupt discontinuation, usually limited to extended use and excessive doses. Infrequently, milder withdrawal symptoms have been reported following abrupt discontinuation of benzodiazepines after continuous use, generally at higher therapeutic levels, for at least several months. After extended therapy, gradually taper dosage. Keep addiction-prone individuals under careful surveillance because of their predisposition to habituation and dependence.

Usage in Pregnancy: Use of minor tranquilizers during first trimester should almost always be avoided because of increased risk of congenital malformations as suggested in several studies. Consider possibility of pregnancy when instituting therapy; advise patients to discuss therapy if they intend to or do become pregnant.

Precautions: If combined with other psychotropics or anticonvulsants, consider carefully pharmacology of agents employed; drugs such as phenothiazines, narcotics, barbiturates, MAO inhibitors and other anti-depressants may potentiate its action. Usual precautions indicated in patients severely depressed, or with latent depression, or with suicidal tendencies. Observe usual precautions in impaired renal or hepatic function. Limit dosage to smallest effective amount in elderly and debilitated to preclude ataxia or oversedation.

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Dosage: Individualize for maximum beneficial effect. **Adults:** Anxiety disorders, symptoms of anxiety, 2 to 10 mg b.i.d. to q.i.d.; alcoholism, 10 mg t.i.d. or q.i.d. in first 24 hours, then 5 mg t.i.d. or q.i.d. as needed; adjunctively in skeletal muscle spasm, 2 to 10 mg t.i.d. or q.i.d.; adjunctively in convulsive disorders, 2 to 10 mg b.i.d. to q.i.d. **Geriatric or debilitated patients:** 2 to 2½ mg, 1 or 2 times daily initially, increasing as needed and tolerated. (See Precautions.) **Children:** 1 to 2½ mg t.i.d. or q.i.d. initially, increasing as needed and tolerated (not for use under 6 months).

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MONTANA

September 21-22—American College of Physicians—Regional Meeting. Heritage Inn, Great Falls. Friday-Saturday. Contact: Warren D. Bowman, Jr, MD, Billings Clinic, Box 2555, Billings 59103.

October 4-6—Montana Medical Association Annual Meeting. Sheraton, Billings. Thursday-Saturday. Contact: MMA, 2012 11th Ave., Suite 12, Helena 59601. (406) 433-4000.

NEW MEXICO

All courses listed below have been certified by CME accredited institutions as meeting the criteria for Category 1 of the Physician's Recognition Award of the American Medical Association. The Continuing Medical Education Committee of the New Mexico Medical Society has certified all courses listed below as meeting the criteria for Category IV under the New Mexico Board of Medical Examiners Continuing Medical Education regulations.

Information, requests for accreditation and items to be listed should be sent to the chairman of the CME Committee, New Mexico Medical Society, 303 San Mateo NE, Suite 204, Albuquerque, NM 87108 at least two months in advance. For information on CME accreditation or on the CME requirements of the New Mexico Board of Medical Examiners, please write to the above address or call (500) 266-7868.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution for current details.

May 18-19—Breast Cancer: Current Concepts and Controversies. Albuquerque. Friday-Saturday. Clarion Four Seasons Hotel. 10 hrs. AMA Cat. I, NM Cat. IV. Contact: Office of CME, UNM School of Medicine, Albuquerque 87141. (505) 277-3942.

May 19—Neck and Arm Pain. Taos. Saturday. Holy Cross Hospital. 1 hr. AMA Cat. I, NM Cat. IV. Contact: UNM School of Medicine, Office of CME, PO Box 531, Albuquerque 87131. (505) 277-6611.

May 24-25—Chronic Pain: Current Status and Future Directions. Santa Fe. Thursday-Friday. La Fonda Hotel. 10¼ hrs. NM Cat. IV. Contact: Ms Helene Slansky, Coordinator, Santa Fe Neurological Sciences Institute, St. Vincent Hospital, Box 5764, Santa Fe 87501. (505) 983-4744.

June 8-9—New Mexico Chapter, American College of Surgeons. Las Cruces. Friday-Saturday. Holiday Inn. Contact: Robert H. Wilbee, MD, 2435 Telshor Blvd., Las Cruces 88001.

June 29-30—Genetics in Modern Obstetrics—Advances in Prenatal Diagnosis. Santa Fe. Friday-Saturday. Hilton Inn. 10 hrs. NM Cat. IV. Contact: VIVIGEN, Sterling Puck, MD, 550 St. Michaels Drive, Santa Fe 87501. (505) 988-9744.

July 12-14—New Mexico Ophthalmological Society Annual Meeting. Santa Fe. Thursday-Saturday. Hilton Inn. 8½ hrs. NM Cat. IV, AMA Cat. I. Contact: Kim Knowles, MD, 1452 St. Francis Drive, Santa Fe 87501. (505) 982-2509.

July 16-19—Ruidoso Family Practice Seminar.

Ruidoso. Monday-Thursday. Inn of the Mountain Gods. 20 hrs. AMA Cat. I, NM Cat. IV, AAFP Prescribed. Contact: NM Chapter, AAFP, PO Box 23070, Albuquerque 87192. (505) 298-5300.

OREGON

The following list of continuing medical education offerings in the state of Oregon is compiled by the Oregon Medical Association's Council on Medical Education. If you wish to submit information regarding future post-graduate courses, please submit the information to James A. Kronenberg, Associate Executive Director, Oregon Medical Association, 5210 SW Corbett Ave., Portland, OR 97201, or phone (503) 226-1555.

MEDICAL GRAND ROUNDS

Douglas Community Hospital, 738 West Harvard Avenue, Roseburg 97470:

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Every Monday, 12:30 p.m. Contact: Robert A. Driver, MD, Douglas Community Hospital, 738 West Harvard Avenue, Roseburg, OR 97470. (503) 673-6641.

Emanuel Hospital, 2801 N. Gantenbein Street, Portland 97227:

Every Friday, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds.** Contact: Philipa McClure, Emanuel Hospital, 2801 N. Gantenbein Street, Portland, OR 97227. (503) 280-3200.

Good Samaritan Hospital and Medical Center, 1015 NW 22nd Avenue, Portland 97210:

Every Wednesday, 8:00 a.m. to 9:00 a.m. **Medicine Grand Rounds.** Contact: Chris Cobb, Good Samaritan Hospital and Medical Center, 1015 NW 22nd Avenue, Portland, OR 97201. (503) 229-7111.

Providence Medical Center, 4805 NE Glisan, Portland 97213:

Every Wednesday, 8:00 a.m. **Medical Grand Rounds.** Contact: Richard Wernick, MD, Providence Medical Center, 4805 NE Glisan, Portland, OR 97213. (503) 230-6085.

Sacred Heart General Hospital, 1200 Alder Street, Eugene, OR 97440:

Every Tuesday, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds.** Hospital Auditorium. Contact: Medical Education Committee. PO Box 10905, Eugene, OR 97440.

Salem Hospital, 665 Winter Street SE, Salem 97301:

First and third Thursday of each month 7:15 a.m. to 8:15 a.m. **Medical Live Audit Conference.** Memorial Auditorium. Contact: Diane Eyerly, Salem Hospital, 665 Winter Street SE, Salem, OR 97301. (503) 370-5339.

Every Friday, 7:30 a.m. to 8:30 a.m. **Friday Grand Rounds.** Memorial Auditorium. Contact: Diane Eyerly, Salem Hospital, 665 Winter Street SE, Salem, OR 97301. (503) 370-5339.

St. Vincent Hospital & Medical Center, 9205 SW Barnes Road, Portland 97225:

First, third, fourth and fifth Wednesday of each month, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds.** Souther Auditorium. Contact: Bon-

nie Conger, Secretary to Dr Kenneth Melvin, St. Vincent Hospital & Medical Center, 9205 SW Barnes Road, Portland 97225. (503) 297-4411, Ext. 2230.

Oregon Health Sciences University, Department of Psychiatry, Portland 97201:

Every Wednesday, 4:00 p.m. to 5:00 p.m.—**Department of Psychiatry Grand Round Presentations.** Room 8B-60, University Hospital South, Oregon Health Sciences University. Contact: Dept. of Psychiatry, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8144.

Oregon Health Sciences University, Department of Medicine, Portland 97201:

Every Tuesday, 8:00 a.m. to 9:00 a.m.—**Department of Medicine Grand Rounds.** U.H.S.-8B-60, Oregon Health Sciences University. Contact: Dept. of Medicine, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8607.

FAMILY PRACTICE GRAND ROUNDS

Every Wednesday, 11:00 a.m. to 12:00 Noon. **Family Practice Grand Rounds.** Family Practice Center, Oregon Health Sciences University, Portland. Contact: William A. Fisher, MD, Oregon Health Sciences University, Department of Family Practice, Portland, OR 97201. (503) 225-7590.

* * *

EMERGENCY MEDICINE

June 7-8—**4th Annual Northwest Toxicology Conference.** Portland. Thursday-Friday. Marriott Hotel. Contact: OHSU-CME.

June 13-15—**Oregon Chapter, American Trauma Society.** Portland. Wednesday-Friday. Sheraton-Airport. Contact: OHSU-CME.

November 15-16—**Symposium on Critical Care Medicine.** Portland. Thursday-Friday. Red Lion-Jantzen Beach. Contact: OHSU-CME.

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CONTACT INFORMATION

OHSU-CME—Contact: Division of Continuing Medical Education, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8700.

(Continued from Page 829)

MEDICINE

June 11-15—**American College of Physicians MKSAP Program.** Portland. Monday-Friday. Marriott Hotel. Contact: Postgraduate Dept., ACP, 4200 Pine Street, Philadelphia, PA 19104.

OBSTETRICS AND GYNECOLOGY

October 25-27—**Pacific Northwest Review of Obstetrics and Gynecology.** Portland. Thursday-Saturday. Red Lion-Jantzen Beach. Contact: OHSU-CME.

PERINATAL MEDICINE

June 22-24—**Symposium on Perinatal Medicine.** Portland. Friday-Sunday. Thunderbird-Jantzen Beach. Contact: OHSU-CME.

SURGERY

July 8-11—**Practical Plastic Surgery for the Primary Care Physician.** Bend. Monday-Wednesday. Sunriver Resort. Contact: OHSU-CME.

December 7-8—**Soft Tissue Surgery.** Portland. Friday-Saturday. OHSU Campus. Contact: OHSU-CME.

OF INTEREST TO ALL PHYSICIANS

June 1-2—**Orthopedics for the Primary Care Physician: Skeletal Problems of Childhood.** Portland. Friday-Saturday. Red Lion-Jantzen Beach. Contact: OHSU-CME.

June 22-23—**Exercise and Fitness.** Portland. Friday-Saturday. Red Lion-Lincoln Street. Contact: OHSU-CME.

September 7-8—**The Ashland Conference: Immunology and Allergy in Primary Care.** Ashland. Friday-Saturday. Ashland Hills Inn. Contact: OHSU-CME.

October 19-21—**The Salishan Conference: Cardiology.** Gleneden Beach. Friday-Sunday. Salishan Lodge. Contact: OHSU-CME.

UTAH

This listing of continuing medical education courses in Utah is compiled and edited by the Academy for Continuing Medical Education, a foundation of the Utah State Medical Association. All courses listed have been certified by CME accredited institutions as meeting the criteria for Category 1 of the Physician's Recognition Award of the American Medical Association. They also must meet the definition of Utah Approved CME Credit for the purpose of medical license reregistration in Utah. Accredited institutions wishing to list AMA Category 1/Utah Approved CME courses here should send information at least two months in advance to the Academy of Continuing Medical Education, 540 East Fifth South, Salt Lake City, Utah 84102; or phone (801) 355-5290. For information on CME accreditation or on the CME requirements of the Utah Physicians' Licensing Board, please write the Academy at the above address.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution or the Academy for current details.

PEDIATRIC GRAND ROUNDS

Primary Children's Medical Center, 320 12th Ave., Salt Lake City 84103:

(Continued on Page 840)

SPONSORS OF COURSES—ABBREVIATIONS

- AF: Arthritis Foundation, 1174 East 2700 South, Salt Lake City 84117. (801) 466-9389.
- CH: Castleview Hospital (formerly Carbon Hospital), RFD 2, Box 46, Price, UT 84501. (801) 637-4800.
- CWH: Cottonwood Hospital, 5770 South 300 East, Salt Lake City 84101. (801) 262-3461.
- FHP: Family Health Program/Utah, 323 South Sixth East, Salt Lake City 84102. (801) 335-1234. Contact: Kay Schultz for course information.
- HAFB: Hill Air Force Hospital, Hill Air Force Base 84406. (801) 777-1262.
- HCH: Holy Cross Hospital, 1045 East First South, Salt Lake City 84102. (801) 350-4744.
- LDSH: Latter-Day Saints Hospital, 325 8th Avenue, Salt Lake City 84143. (801) 350-1100.
- MDH: McKay-Dee Hospital Center, 3939 Harrison Blvd., Ogden 84409. (801) 399-4141.
- OEH: Rocky Mountain Center for Occupational and Environmental Health, 50 North Medical Drive, Salt Lake City 84132. (801) 581-8719.
- OSS: Ogden Surgical Society, PO Box 9311, Ogden 84409.
- PCMC: Primary Children's Medical Center, 320 12th Ave., Salt Lake City 84103. (801) 363-1221.
- SHCC: Shriners Hospital for Crippled Children, Intermountain Unit, Fairfax Ave. at Virginia St., Salt Lake City 84103. (801) 532-5307.
- SLSC: Salt Lake Surgical Center, 617 East 3900 South, Salt Lake City 84117. (801) 261-3141.
- UAFP: Utah Academy of Family Physicians, 1146 Westminster Ave., Salt Lake City 84105. (801) 466-9478.
- UUMC: University of Utah Medical Center, 50 North Medical Drive, Salt Lake City 84132. (801) 581-2258.
- USMA: Utah State Medical Association, 540 East Fifth South, Salt Lake City 84102. (801) 355-7477.
- UVH: Utah Valley Hospital, 1034 North Fifth West, Provo 84601. (801) 373-7850.
- VAMC: Veterans Administration Medical Center, 500 Foothill Drive, Salt Lake City 84148. (801) 582-1565.

XANAX® Tablets
(alprazolam) ©

CONTRAINDICATIONS

Patients with sensitivity to this drug or other benzodiazepines and in acute narrow angle glaucoma.

WARNINGS

Not of value in psychotic patients. Caution patients against hazardous occupations requiring complete mental alertness and about the simultaneous ingestion of alcohol and other CNS depressant drugs.

Benzodiazepines can cause fetal harm in pregnant women. Warn patients of the potential hazard to the fetus. Avoid during the first trimester.

PRECAUTIONS

General: The dosage of XANAX Tablets should be reduced or withdrawn gradually, since withdrawal seizures have been reported upon abrupt withdrawal. If XANAX is combined with other psychotropics or anticonvulsant drugs, consider drug potentiation. (See Drug Interaction section.) Exercise the usual precautions regarding size of the prescription for depressed or suicidal patients. In elderly and debilitated patients, use the lowest possible dosage. (See Dosage and Administration.) Observe the usual precautions in treating patients with impaired renal or hepatic function.

Information for Patients: Alert patients about: (a) consumption of alcohol and drugs, (b) possible fetal abnormalities, (c) operating machinery or driving, (d) not increasing dose of the drug due to risk of dependence, (e) not stopping the drug abruptly. **Laboratory Tests:** Not ordinarily required in otherwise healthy patients. **Drug Interactions:** Additive CNS depressant effects with other psychotropics, anticonvulsants, antihistamines, ethanol and other CNS depressants. Pharmacokinetic interactions with benzodiazepines have been reported. **Drug/Laboratory Test Interactions:** No consistent pattern for a specific drug or specific test. **Carcinogenesis, Mutagenesis, Impairment of Fertility:** No carcinogenic potential or impairment of fertility in rats. **Pregnancy:** See Warnings. **Nonteratogenic Effects:** The child born of a mother on benzodiazepines may be at some risk for withdrawal symptoms and neonatal flaccidity. **Labor and Delivery:** No established use. **Nursing Mothers:** Benzodiazepines are excreted in human milk. Women on XANAX should not nurse. **Pediatric Use:** Safety and effectiveness in children below the age of 18 have not been established.

ADVERSE REACTIONS

Side effects are generally observed at the beginning of therapy and usually disappear with continued medication. In the usual patient, the most frequent side effects are likely to be an extension of the pharmacological activity of XANAX, e.g., drowsiness or lightheadedness.

Central nervous system: Drowsiness, lightheadedness, depression, headache, confusion, insomnia, nervousness, syncope, dizziness, akathisia, and tiredness/sleepiness.

Gastrointestinal: Dry mouth, constipation, diarrhea, nausea/vomiting, and increased salivation.

Cardiovascular: Tachycardia/palpitations, and hypotension.

Sensory: Blurred vision.

Musculoskeletal: Rigidity and tremor.

Cutaneous: Dermatitis/allergy.

Other side effects: Nasal congestion, weight gain, and weight loss.

In addition, the following adverse events have been reported with the use of anxiolytic benzodiazepines: dystonia, irritability, concentration difficulties, anorexia, loss of coordination, fatigue, sedation, slurred speech, jaundice, musculoskeletal weakness, pruritus, diplopia, dysarthria, changes in libido, menstrual irregularities, incontinence and urinary retention.

Paradoxical reactions such as stimulation, agitation, increased muscle spasticity, sleep disturbances, and hallucinations may occur. Should these occur, discontinue the drug.

During prolonged treatment, periodic blood counts, urinalysis, and blood chemistry analysis are advisable. Minor EEG changes, of unknown significance, have been observed.

DRUG ABUSE AND DEPENDENCE

Physical and Psychological Dependence: Withdrawal symptoms have occurred following abrupt discontinuance of benzodiazepines. Withdrawal seizures have occurred upon rapid decrease or abrupt discontinuation of therapy. In all patients, dosage should be gradually tapered under close supervision. Patients with a history of seizures or epilepsy should not be abruptly withdrawn from XANAX. Addiction-prone individuals should be under careful surveillance. **Controlled Substance Class:** XANAX is a controlled substance and has been assigned to schedule IV.

DOSAGE AND ADMINISTRATION

The usual starting dose is 0.25 to 0.5 mg, t.i.d. Maximum total daily dose is 4 mg. In the elderly or debilitated, the usual starting dose is 0.25 mg, two or three times daily. Reduce dosage gradually when terminating therapy, by no more than one milligram every three days.

CAUTION: FEDERAL LAW PROHIBITS DISPENSING WITHOUT PRESCRIPTION.

B-3-S

Upjohn

THE UPJOHN COMPANY
Kalamazoo, Michigan 49001 USA

CONTINUING MEDICAL EDUCATION

(Continued from Page 835)

First and third Thursdays—8:00 a.m. Contact:
Cathy Van Komen, PCMC, 320 12th Ave.,
Salt Lake City, UT 84103. (801) 363-1221.

**MONTHLY PSYCHOTHERAPY
CLINICAL SEMINAR**

Holy Cross Hospital, 1045 East First South, Salt
Lake City 84102.

First Monday—7:00 a.m. to 9:00 a.m. Contact:
Jack Tedrow, MD, (801) 363-2024.

**FAMILY PRACTICE
GRAND ROUNDS**

Holy Cross Hospital, 1045 East First South, Salt
Lake City 84102.

Every Wednesday—8:00 a.m. to 9:00 a.m.
Contact: Thomas Schwenk, MD, (801) 581-
8633.

**CITYWIDE OB/GYN CLINICAL
CONFERENCE**

Holy Cross Hospital, 1045 East First South, Salt
Lake City 84102.

Second Saturday—8:00 a.m. to 9:00 a.m. Con-
tact: Howard Berk, MD, (801) 364-4438.

**OB/GYN PATHOLOGY
CONFERENCE**

Holy Cross Hospital, 1045 East First South, Salt
Lake City 84102.

Fourth Monday—8:00 a.m. to 9:00 a.m. Con-
tact: Howard Berk, MD, (801) 364-4438.

**MONTHLY OPHTHALMOLOGY
FLUORESCEIN ANGIOGRAPHY
CONFERENCE**

Holy Cross Hospital, 1045 East First South, Salt
Lake City 84102.

Fourth Monday—7:30 a.m. to 8:30 a.m. Con-
tact: Roy Goodart, MD, (801) 532-7406 or
F. T. Reikhof, MD, (801) 532-7406.

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INTERDEPARTMENTAL GRAND ROUNDS

Utah Valley Hospital, Provo, 1034 North Fifth West, Provo 84601.

Contact: Gary Watts, MD, UVH, 1034 North Fifth West, Provo, UT 84601. (801) 373-7850 (Ext. 2143).

* * *

May 16—**Day in Nephrology at the University of Utah** (Sponsor: University of Utah). Wednesday. University Medical Center. 6 hrs. \$30.00. Contact: Rosalie Lammle, (801) 581-8664.

June 3-6—**American Society for Lasers in Medicine and Surgery** (Sponsor: University of Utah). Monday-Wednesday. Salt Lake City. 8 hrs. Fee to be announced. Contact: John Dixon, MD, (801) 581-8201.

June 8-9—**Advanced Trauma Life Support (ATLS)** (Sponsor: University of Utah/Utah State Health Department). Friday-Saturday. Salt Lake Hilton Hotel. 14.5 hrs. \$350. Contact: Kim Tanner, (801) 561-4594.

June 18-21—**School on Alcoholism and Other Drug Dependencies** (Sponsor: University of Utah). Monday-Thursday. University Medical Center. 26 hrs. \$300. Contact: James Swenson, MD, (801) 581-7985.

July 15-20—**Summer Update in Clinical Microbiology and Immunology** (Sponsor: University of Utah). Sunday-Friday. Jackson Hole, Wyoming. 23 hrs. \$350. Contact: John Matsen, MD, (801) 581-7480.

July 25—**Cardio-Thoracic Imaging/State of the Art** (Sponsor: University of Utah). Wednesday. Jackson Lake Lodge, Wyoming. Contact: John D. Armstrong, MD, (801) 581-7553.

Note: Dates, times, places and programs are subject to change on occasion. Please check with the sponsoring organization or the Academy for details.

WASHINGTON

This listing of continuing medical education programs in Washington state is compiled by the Washington State Medical Association. To list Category 1 programs here please send information at least two months in advance to Continuing Medical Education, Washington State Medical Association, 2033 Sixth Avenue, Suite 900, Seattle, WA 98121; or phone (206) 623-4801.

Brochures and Registration Forms are available from the contact person or organization listed at the end of

each course or in the list of course sponsors and contact information.

May 16-18—**Noise Measurement and Control**. Seattle. Wednesday-Thursday. Contact: Northwest Center for Occupational Health and Safety, Department of Environmental Health, SC-34, University of Washington, Seattle 98195. (206) 543-1069.

May 17—**Controversies in the Diagnosis and Treatment of Sleep Apnea**. Seattle. Thursday, 5 p.m. to 9 p.m. Providence Medical Center. \$60 (includes dinner). Contact: Evelyn Foote, Physician Education, Providence Medical Center, 500 17th Ave., Seattle 98124. (206) 326-5555.

May 18—**Immunological Aspects of Allergies**. Seattle. Friday. Riverton Hospital. Contact: U/W.

May 24-25—**Hereditary Diseases of the Nervous System**. Seattle. Thursday-Friday. Mayflower Park Plaza. Contact: U/W.

May 25—**Monoclonal Antibodies in Cancer**. Seattle. Riverton Hospital. Contact: U/W.

May 31-June 2—**Office Hazards: Awareness and Control**. Seattle. Friday-Saturday. Contact: Northwest Center for Occupational Health and Safety, Department of Environmental Health, SC-34, University of Washington, Seattle 98195. (206) 543-1069.

June 1-2—**Advances in Cardiology—1984**. Bellevue. Friday-Saturday. Red Lion Inn. Contact: Nancy Aziz, MS, Overlake Hospital, 1035 116th Ave. NE, Bellevue 98004. (206) 454-4011, ext. 2630.

June 1-2—**Prenatal Diagnosis for the 80's**. Seattle. Friday-Saturday. Sheraton Hotel. Contact: U/W.

June 2—**Eye Care for the Primary Physician**. Seattle. Saturday. U/W Health Sciences Building. Contact: U/W.

COURSE SPONSORS AND CONTACT INFORMATION

CME HARBORVIEW—Contact: Gayle Splater, Cytology Continuing Education, Dept. of Pathology, Harborview Medical Center, 325 Ninth Avenue, Seattle, WA 98104. (206) 223-5953.

CME PIERCE COUNTY—Contact: Mrs. Maxine Bailey, Executive Director, College of Medical Education, 705 South Ninth, No. 203, Tacoma, WA 98405. (206) 627-7137.

U/W (UNIVERSITY OF WASHINGTON) — Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

VMMC (VIRGINIA MASON MEDICAL CENTER)—Contact: Linda Orgel, Division of Continuing Medical Education, Virginia Mason Medical Center, 1100 Ninth Avenue, PO Box 900, Seattle, WA 98101. (206) 223-6898.

June 8—**Alcoholism: The Avoided Diagnosis.** Seattle. Friday. Virginia Mason Clinic. Contact: Mary Nolan, King County Medical Society, 200 Broadway, Seattle, WA 98122. (206) 621-9396.

June 8-9—**Fifth Annual Western Washington Cancer Conference.** Rosario Resort, San Juan Islands. Friday-Saturday. 9 hrs. Cat. I. \$80. Contact: Annie M. Sakaguchi, Program Director, American Cancer Society, PO Box C-19140, Seattle 98109-1140. (206) 283-1152.

June 8-9—**Cardiology and Nephrology.** Seattle. Friday-Saturday. Museum of History and Industry. Contact: U/W.

June 9—**Recent Advances in Ultrasound.** Seattle. Saturday. U/W CDMRC. Contact: U/W Health Sciences, T-435.

June 13-15—**Use of Microcomputers in Occupational Safety and Health.** Seattle. Wednesday-Friday. Contact: Northwest Center for Occupational Health and Safety, Department of Environmental Health, SC-34, University of Washington, Seattle 98195. (206) 543-1069.

June 15-16—**Imaging Techniques and Computers in Radiation Therapy.** Seattle. Friday-Saturday. Sheraton. Contact: U/W.

June 15-17—**Nutrition Update for Clinical Dieticians.** Union. Friday-Sunday. Alderbrook Inn. Contact: U/W.

June 18-22—**Trauma: The First 3 Hours.** Seattle. Monday-Friday. U/W Health Sciences Building. Contact: U/W.

June 21-22—**Stroke: Current Concept.** Seattle. Thursday-Friday. 8:30 a.m. to 5:00 p.m. Gould Auditorium. \$150, physicians; \$75, others. 12 hrs. Cat. I. Contact: Charlotte Kennedy, Northwest Hospital, 1550 N. 115th, Seattle 98133. (206) 364-0500, Ext. 1737.

June 23-27—**(IDAHO) Ethics at the Edges of Life.** Sun Valley. Saturday-Wednesday. Elkhorn. Contact: U/W.

July 4-10—**(OREGON) Medicine and Civilization.** Bend. Wednesday-Tuesday. Inn of the 7th Mountain. Contact: U/W.

July 10-13—**(OREGON) Medicine in Shakespeare's Time.** Ashland. Tuesday-Friday. Contact: U/W.

July 11-13—**Second Annual Conference on Occupational Hazards to Health Care Workers.**

Seattle. Wednesday-Friday. Contact: Northwest Center for Occupational Health and Safety, Department of Environmental Health, SC-34, University of Washington, Seattle 98195. (206) 543-1069.

July 22-26—**Annual Summer Meeting 1984. Washington State Academy of Ophthalmology.** Orcas Island. Sunday-Thursday. Rosario Resort. Contact: Patti Smith, WSAO, 2033 Sixth Ave, #900, Seattle 98121. (206) 623-4801.

July 27-29—**Seafair VI Pediatric Anesthesia and Intensive Care.** Seattle. Friday-Sunday. Seattle Sheraton. Contact: Patti Smith, Washington State Society of Anesthesiologists, 2033 Sixth Ave, Suite 900, Seattle 98121. (206) 623-4801.

August 29-September 4—**(ALBERTA) Scientific Aspects of the Art of Dance.** Banff Centre, Banff, Alberta. Contact: U/W.

September 12-14—**Dermatologic Therapeutic Hotline.** Orcas Island. Wednesday-Friday. Rosario Resort. Contact: Paul H. Jacobs, MD, Department of Dermatology, Stanford University Medical Center, Stanford, CA 94305. (415) 497-7854.

WYOMING

June 24-28—**Wyoming Medical Society Annual Meeting.** Jackson Lake Lodge, Moran. Sunday-Thursday. Contact: WMS, PO Drawer 4009, Cheyenne 82003-4009. (307) 634-2424.

July 15-20—**Summer Update in Clinical Microbiology and Immunology.** University of Utah at Jackson Hole. Sunday-Friday. 23 hrs. \$350. Contact: John Matsen, MD, (801) 581-7480.

July 25—**Cardio-Thoracic Imaging/State of the Art.** University of Utah at Jackson Lake Lodge. Wednesday. Contact: John D. Armstrong, MD, (801) 581-7553.

September 9-15—**Effective Management of Common Sports Injuries: An EPIC Medical Expedition.** Bicycle touring through Yellowstone and Grand Teton National Parks. One week. Sponsors: American Institute of Primary Care Medicine and University of Arizona College of Medicine. 24 hrs. Contact: Richard F. Paris, MD, PO Box 209, Sun Valley, ID 83353. (208) 788-4995.

WESTERN STATE MEDICAL ASSOCIATIONS' MEETINGS

Alaska State Medical Association—4107 Laurel St., Anchorage 99504. (907) 277-6891. Annual Meeting: June 8-12, 1984, Valdez Convention Center.

Arizona Medical Association, Inc.—810 W. Bethany Home Rd., Phoenix 85013. (602) 246-8901. Annual Meeting: 1985—date and place to be announced.

California Medical Association—44 Gough St., San Francisco 94103. (415) 863-5522. Annual Meeting: March 8-13, 1985, Town and Country, San Diego.

Colorado Medical Society—6825 E. Tennessee, Bldg. 2, Suite 500, Denver 80224. (303) 321-8590. Annual Meeting: September 20-22, 1984, Mark Marriott, Vail.

Hawaii Medical Association—320 Ward Ave., Suite 200, Honolulu 96814. (808) 536-7702. Annual Meeting: November 9-11, 1984, Kauai Surf Hotel, Kauai.

Idaho Medical Association—407 W. Bannock St., P.O. Box 2668, Boise 83701. (208) 344-7888. Annual Meeting: July 25-28, 1984, Sun Valley.

Montana Medical Association—2012 11th Ave., Suite 12, Helena 59601. (406) 433-4000. Annual Meeting: October 4-6, 1984, Sheraton, Billings.

Nevada State Medical Association—3660 Baker Lane, Reno 89502. (702) 825-6788. Annual Meeting: May 3-6, 1984, Desert Inn, Las Vegas.

New Mexico Medical Society—303 San Mateo NE, Suite 204, Albuquerque 87108. (505) 266-7868. Annual Meeting: May 2-4, 1984, Santa Fe.

Oregon Medical Association—5210 S.W. Corbett Ave., Portland 97201. (503) 226-1555. Annual Meeting: 1985—date and place to be announced.

Utah State Medical Association—540 East Fifth South, Salt Lake City 84102. (801) 355-7477. Annual Meeting: October 3-5, 1984, Hotel Utah, Salt Lake City.

Washington State Medical Association—900 United Airlines Bldg., 2033 6th Ave., Seattle 98121. (206) 623-4801. Annual Meeting: September 13-16, 1984, Westin Hotel, Seattle.

Wyoming Medical Society—P.O. Drawer 4009, Cheyenne 82003-4009. (307) 635-2424. Annual Meeting: June 24-28, 1984, Jackson Lake Lodge, Moran.

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